

Devens RFTA Regulation 350-2

# **TRAINING**

Headquarters  
Devens Reserve Forces Training Area  
Devens, MA 01434  
18 September 2006

**UNCLASSIFIED**



# ***SUMMARY of CHANGE***

Devens RFTA Regulation 350-2  
Training

This revision, dated 01 May 2006--

- o All Devens RFTA Directorates have been re-named to align with the Standard Garrison Organization (SGO) .
- o Chapter 7, 7-4.e. Deleted guard at ASP. Changed to: guard at the front gate.
- o Chapter 7, 7-9, Communications, has been updated to reflect the current procedures.
- o Chapter 7, 7-11 amended to read: Daily permission must be obtained from Range Control before use. Use will be determined by the fire index for the day as determined by the local Fire Tower at 978-464-2832 after 10:00 hours daily.
- o Chapter 7, 7-26 Weather Warnings added: The Wet Bulb Globe Temperature (WGBT) readings will be broadcast hourly when temperature reaches 78 degrees Fahrenheit or above.
- o Appendix C, C-5 Curry Range: Deleted Inactive status.
- o Appendix C, C-28 Amended to read: (1) Demolition firing may be conducted from 0800-Dusk, Monday through Saturday and Sunday 0900-1700. Firing weight limits or types of explosives may be limited or denied due to adverse weather conditions. Present charge limits are **20** pounds above ground (untamed) and **40** pounds below ground (tamped). A charge is defined as that amount of explosives detonated by one detonator. Charge firings will be no closer than one minute apart. Range Control will be notified prior to each firing. The OIC of the range will maintain a log of each firing to include time, type of explosive and amount of each charge. The log will be turned-in to Range Control upon clearing. The using unit is responsible for clearing and disposing of debris from targets, and repairing craters and any other terrain damage.
- o Appendix D, amended to read: **D-7. R-4102A/B Airspace.** R-4102A extends from ground level up to, but not including 2000 feet MSL. R-4102B is from 2,000-3,995 feet MSL. The airspace is activated by Notice to Airmen (NOTAM) IAW DA PAM 385-63 Chapter 2, PARA 2-4. Special use airspace is required to be activated prior to conducting any activity over 45 meters above ground level to include ricochet ordnates that would be hazardous to aircraft, i.e. mortar fire, 7.62, demolition and explosive devices, remotely piloted and unmanned aerial vehicles, small arms ranges and unlighted night parachute jumps, etc. Other air activities do not activate the airspace, but do establish a warning zone to non-participating aircraft. The airspace is considered uncontrolled Visual Flying Rules (VFR) airspace when not activated and VFR procedures apply. When the airspace is activated, the only authorized controllers are the FAA, Range Control and the DZSO. The warning zone encompasses a .5 nautical mile circle from the

center of the DZ. This is further amended by Devens RFTA as .5 nm from the perimeter of the DZ. It does not deny or restrict the area to non-participating aircraft, but does demand extreme caution when flying through the area.

**DEPARTMENT OF THE ARMY**  
**DEVENS RESERVE FORCES TRAINING AREA**  
**Devens, Massachusetts 01434-4424**  
**18 September 2006**

**TRAINING**

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**HISTORY.** This is the sixth publication of this regulation under the Devens Reserve Forces Training Area. This publication supersedes Devens RFTA Regulation 350-2 dated 01 May 2005.

**SUMMARY.** This regulation establishes policies, procedures, and guidelines governing the use and operation of Devens Reserve Forces Training Area.

**APPLICABILITY.** This publication applies to all users of Devens Reserve Forces Training Area to include all ranges, training facilities and training areas.


**PROPONENT AND EXCEPTION POLICY.** The Directorate of Plans and Training (DPT) DPT is the proponent of this regulation. The DPT Chief has the authority to approve exceptions to this regulation that are consistent with safe training.

**ARMY MANAGEMENT CONTROL PROCESS.** This regulation contains management control provisions, but does not identify key management controls that must be evaluated.

**SUPPLEMENTATION.** Supplementation of this regulation is prohibited.

**SUGGESTED IMPROVEMENTS.** Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Commander, Devens Reserve Forces Training Area, ATTN: Directorate of Plans and Training (DPT), Devens, MA 01434-5409.

OFFICIAL:

  
CARYN SUZANNE HEARD  
LTC, EN  
Commanding

DISTRIBUTION:  
Electronic Media  
Ea. Unit training on Devens RFTA

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## **CHAPTER 1. GENERAL**

**1-1. Purpose.** This regulation prescribes responsibilities, policies, and procedures for training at Devens Reserve Forces Training Area (RFTA).

**1-2. Forms.** See appendix J.

**1-3. Organization.** The Directorate of Plans and Training (DPT) is responsible for providing administrative, logistical, training support guidance, and all coordination relating to training at Devens RFTA.

**1-4. Definitions.** Special terms used in this regulation are explained in the Glossary.

### **1-5. Unit responsibilities.**

a. Training is the responsibility of the unit commander. Planning for support and utilization of resources at Devens RFTA should, at a minimum, comprise the following:

(1) Phase I. Planning for Annual Training (AT) or Inactive Duty Training (IDT) should include initial planning meetings or conferences at unit level. Planning should include equipment preparation, determining equipment shortfalls, obtaining required equipment, organizing and developing operation orders. Initial planning for AT should also include review of AT suspense requirements (See Appendix J, J-9). Representatives from unit logistical functions should plan on attending the AT pre-camp conference.

(2) Phase II. Requesting training support from Devens RFTA, for a given training period is accomplished through submission of Devens forms (See Appendix J). Requests are submitted directly to at Devens by electronic means or by mail. Refer to Chapter 2, Operations and Training, for submitting forms via electronic means. Initial contact with for procedures, unit password and assignment is necessary to originate support requests electronically via computer-to-computer link. Assistance in start-up procedures and training for computer hookup via Range Facility Management Support System (RFMSS) is obtained by calling Range Control at commercial (978) 796-2723 or DSN 256-2723.

b. Correspondence. All correspondence to be sent to at Devens RFTA will be addressed as follows:

Devens Reserve Forces Training Area  
Attn: Directorate of Plans and Training  
57 Queenstown Street Box 9  
Devens, MA 01434-5409

c. Can be contacted at (978) 796-3951/3952 or DSN 256-3951/3952. Please visit our web site at [www.devens.army.mil](http://www.devens.army.mil) for additional information.

d. The training support checklist matrix and suspense requirements are listed in Appendix J.

## **1-6. Responsibilities.**

a. The Devens RFTA Commander has responsibility for the overall operation of Devens RFTA, to include the immediate supervision, control, coordination and safety of all Devens RFTA facilities.

b. The Directorate of Plans and Training coordinates matters concerning the safe, efficient utilization of Devens RFTA training facilities. Specific responsibilities include:

- (1) Publication of the weekly Projected Training Report.
- (2) Maintenance of training files and overlays.
- (3) Overall responsibility for Range Control operations, to include scheduling of units, utilization of training facilities, maintenance of training facilities and range development.
- (4) Provides administrative, operational, and logistical support for units and individuals training at this installation.
- (5) Provides administrative and logistical support to evaluation and inspection teams.
- (6) Schedules and conducts AT pre-camp conferences.
- (7) Renders required reports.

c. Unit commanders will establish the training to be conducted; training supervision is an RC command responsibility.

d. Advance party personnel will, upon arrival at Devens RFTA, report to, Operations Division, Building 673, 57 Queenstown Street, Devens, MA, for a briefing between 0800-1630, before the training period begins. Attendees at this meeting will include: unit personnel (preferably S-3 and S-4), personnel; Noncommissioned Officer in Charge, Troop Medical Clinic (TMC) personnel; Environmental Management Officer; Public Affairs Officer; Safety Officer, and the unit evaluator (if receiving TAM).

e. Range Control Officer (RCO):

- (1) Issuing and clearing of training facilities on South Post.
- (2) Range communications.
- (3) Coordination with using units.
- (4) Monitoring units on the ranges and the training areas to ensure compliance with this regulation.

(5) Resolution of scheduling conflicts.

(6) Monitoring the effectiveness of Safety Programs for the Officer-in-Charge (OIC) and the Range Safety Officer (RSO) in accordance with (IAW) DA PAM 385-63.

f. Safety and Occupational Health Specialist:

(1) Assisting commanders by reviewing field training exercise (FTX) plans, documents and operating procedures.

(2) Providing inspection services during training.

(3) Monitoring training to ensure safe practices are followed.

(4) Providing assistance in the completion of DA Form 285-AB-R, Abbreviated Ground Accident Report.

(5) Assisting commanders in preparing risk assessments.

g. The commander of using units will:

(1) Ensure that all personnel are familiar with local range procedures and safety requirements.

(2) Designate, in writing, an OIC as specified.

(3) Ensure vegetation will not be cut for any reason.

(4) Designate, train and certify OICs and RSOs to ensure they are:

(a) Competent and properly instructed in the performance of their duties.

(b) Knowledgeable of the weapons systems for which they are responsible.

(c) Able to coordinate plans for firing exercises and maneuvers with Range Control.

(5) Ensure physical security requirements are met. See Appendix G.

h. The unit OIC will sign for the range(s), training area(s) and training facilities at Range Control before the unit occupies the area.

i. An OIC or RSO must meet the qualifications in Table 1-1, DA PAM 385-63.

Personnel detailed as an RSO must:

(1) Have satisfactorily completed a standard program of instruction in the duties of an RSO developed by the battalion to which they are assigned.

(2) Be qualified and knowledgeable in the weapons systems involved and the RSO duties required.

(3) Civilians may act as the OIC and RSO of a firing range if they are qualified and approved to perform such duties by the Devens RFTA RCO, i.e. weapons testing and competitive shooting.

## **CHAPTER 2. OPERATIONS AND TRAINING**

### **2-1. Training Facility Requirements.**

a. All unit training support requirements must be clearly indicated on the appropriate Devens RFTA form to ensure that proper support can be allocated through .

(1) Units conducting training at Devens RFTA will prepare a Devens RFTA Training Support Request, one copy to arrive at this headquarters, ATTN; Directorate of Plans & Training (DPT), not later than (NLT) 60 days prior to training dates for IDT units or the Pre-camp Conference for AT units (See Appendix J, page J-9, AT/IDT Support Requirement Matrix). The Devens RFTA Training Support Request may be obtained from . Forms may be faxed to at (978)796-2660 or DSN 256-2660 or sent via e-mail (call (978)796-3951/3952 or DSN 256-3951/3952 for address).

(2) Requesting Specific Training Support For Training Area, Ranges, and Facilities. Reserve Component units conducting IDT or AT training at Devens RFTA will consult Chapter 5 for guidance on scheduling ranges and training areas. Organizations are strongly encouraged to attend the sponsored AT and IDT conferences. The conferences manage limited facilities to ensure maximum use. Conference attendees have priority for scheduling facilities that become available due to cancellation.

### **2-2. Training Priorities and Restrictions.**

a. Priority for training supports is:

(1) RC units on mobilization orders and operational mission support.

(2) Army Reserve and Army National Guard units on annual training (AT) and Department of the Army schools scheduled by a program of instruction (POI).

(3) Other services on AT, reserve units, and active duty units on routine training.

(4) Army Reserve and Army National Guard units on IDT.

(5) Other services on IDT.

(6) Reserve Officer Training Corps (ROTC)/Junior ROTC training.

- (7) Other military.
- (8) Federal, state and local law enforcement agencies.
- (9) Community support, all others.

b. Training restrictions are listed in Chapter 6 and Chapter 8

**2-3. Training Schedules.** The publishes a weekly training schedule that lists all units training at Devens RFTA. The training schedule lists buildings and other support that have been allocated to each unit.

## **CHAPTER 3. TRAINING SUPPORT**

**3-1. Training Support Center (TSC)** TSC is your single/local source of support to acquire home-based Training Support Materials (TSM). These materials consist of hands-on Training Devices (TD) and Graphic Training Aid (GTA) card size publications/charts. The Graphic Art and Photographic Sections produce modern imagery productions for official purposes.

a. The Training Support Center is located at 54 Feinburg Street, building 3574. Operating hours are Monday through Friday 0730-1130 and 1230-1530. Appointments are not necessary, but strongly advised. Walk-ins may be delayed. Saturday and Sunday support is by appointment only. The TSC is closed on holidays.

b. For units to access the TSC, and all it's available resources, a Primary Hand Receipt Holder (PHRH) must be appointed and attend a mandatory orientation course. This course is conducted at TSC upon the commander's request and takes approximately two hours to complete. The course is designed to painlessly assist the commander in the administrative and logistical gathering of TSM's necessary to conduct a successful training exercise. The course outline consists of providing the student/PHRH with the following information in their packet:

(1) Devens RFTA Regulation 735-1, property accountability, MAINTENANCE AND MANAGEMENT OF TRAINING SUPPORT CENTER (TSC) ACCOUNTS AND HAND RECEIPTS. It contains all information requirements for unit support, timelines and forms with samples.

(2) Tour of the TSC Facilities. The tour completes the orientation process and gives the student the added prospective of TSC capabilities.

c. It is requested that a full-time point of contact be appointed to the position and to the responsibilities of PHRH for ease of contact.

d. To establish a TSC account, the following steps must be completed:

(1) DA Form 1687, Delegation of Authority Card. Submit with original signatures only. This form is renewable annually.

(2) Assumption of Command Orders. An official memorandum or document specifying the authority of the commander appointed to this position.

(3) Primary Hand Receipt Holders (PHRH) Course. Attend a mandatory, TSC hosted, PHRH course.

e. The following matrix captures the minimum requirement for unit support:

REQUIREMENTS TO BE SUBMITTED	30 DAYS	45 DAYS	REMARKSs
MILES Request (Form Letter 577)		X	Certificate Needed
WEAPONER Loan (Memorandum)		X	Certificate Needed
In-Stock Devices (Memorandum)	X		
Non-Stock Services (Memorandum)			One year or ASAP
Audiovisual Equipment Loan (Memo)	X		
Public Address Support (DA Form 3903)	X		
Photography Support (DA Form 3903)	X		
Graphic Art Support (DA Form 3903)	X		
DA Official Photo (DA Form 3903)	X		By Appointment Only

### 3-2. Map requirements.

Maps of Devens RFTA may be acquired at Range Control or .

### 3-3. Telephone Services.

a. Units or individuals requiring use of telephone services for official military calls, may utilize the telephones located in Operations Division, , building 673, 57 Queenstown Street.

b. Units issued administrative and supply buildings have DSN and limited communications capability for official calls only.

c. Units issued administrative and supply buildings will monitor and log in all calls. Upon clearing the installation, units will submit completed telephone logs to the Operations Officer, . Long distance calls will be restricted to the minimum time required to accomplish official business. Calls should not exceed the DA objective of five minutes duration. All prefix nine, one (9,1,) calls are considered long distance.

d. The Operations Officer, , reviews the end of the month billings. Units will be contacted if any discrepancies are noted.

e. Pay telephones are provided at convenient locations throughout the installation for personal telephone calls.

- f. Magnetic drop lines are not available at Devens RFTA.

## **CHAPTER 4. ADMINISTRATION**

**4-1. Purpose.** To establish policies, procedures, and responsibilities for administrative support of training.

### **4-2. Administrative Services.**

Postal Instruction. These instructions pertain only to units that will train at Devens RFTA for two consecutive weeks or longer.

- a. Accountable mail (Registered/Certified/Insured/Express) addressed to the unit, must be signed for. A PS Form 3801, signed by the Unit Commander, authorizing representatives to receive this mail, should be on file at Devens RFTA Mail and Distribution. If accountable mail is addressed to a soldier in the unit, that soldier must sign for his/her mail.

- b. The unit postal officer/S-1 shall present to Postal Operations, an alphabetical roster of unit personnel present for training.

- c. Official mailing address while performing annual training at Devens RFTA shall be:

COMMANDER  
(UNIT)  
(ATTN LINE, IF APPROPRIATE)  
DEVENS, MA 01434-5409

- d. Individual personal mail address while performing AT at Devens RFTA:

(RANK) (FIRST NAME) (MI) (LAST NAME)  
(UNIT)  
DEVENS, MA 01434-5409

**4-3. Identification (ID) Cards.** The Identification Card section is located at the 94<sup>th</sup> Regional Readiness Command, 9 Charlestown Street, Building 693, (978)796-2130.

**4-4. Emergency leave.** Authority to grant emergency leave to unit members rests with the unit commander.

**4-5. Red Cross.** The Red Cross may be contacted by a family member through the family member's local chapter on an emergency basis. The local Red Cross telephone number is (978) 537-3339. To reach a member training at Devens RFTA, contact the Range Control Office at (978) 796-2723 or the Operations Office at 796-3951/3952.

**4-6. Army Emergency Relief (AER).** An individual may apply for financial assistance through AER. Please telephone (978) 796-3023 for further assistance.

**4-7. Check Cashing.** There is no local check cashing facility on Devens RFTA. Hanscom Federal Credit Union is located outside the main gate at Devens RFTA if individual has an account with them. There is also ATM available there.

**4-8. Casualties.**

a. Army National Guard.

(1) Line of Duty, DA Form 2173. Line of Duty (LOD) determinations will be accomplished IAW National Guard Regulation (NGR) 600-3, Line of Duty Determination.

(2) Casualty Reporting.

(a) Individuals having first-hand knowledge of details concerning a casualty will promptly report such information to the Devens RFTA DOD Police/Safety Office and to the Casualty Assistance Office, Fort Drum, NY, telephone (315) 772-6465, DSN 772-6465 or 888-325-1601 .

(b) The Casualty Assistance Office, Fort Drum, NY is responsible for casualty reporting/notification of next of kin procedures.

(c) Accident investigating officers should contact the Devens RFTA Safety Management Office, telephone (978) 796-2159/2441 for assistance in investigation and preparation of DA Form 285, U.S. Army Accident Investigation Report or DA Form 285-AB-R, U.S. Army Abbreviated Ground Accident Report.

b. U.S. Army Reserve.

(1) Line of Duty.

(a) Line of Duty determinations will be accomplished IAW AR 600-8-1, Army Casualty Operations/Assistance/Insurance.

(b) Line of Duty determinations will be forwarded without delay to the unit's higher headquarters. Every effort will be made to accomplish the investigation prior to the departure of the unit. Units will coordinate actions with DOD Police and the Safety Office when investigation cannot be completed prior to departure from Devens RFTA.

(2) Casualty Reporting.

(a) Individuals having first-hand knowledge of details concerning a casualty will promptly report such information to the and to the Casualty Assistance Office, Fort Drum, NY, telephone (315) 772-6465, DSN 772-6465 or 888-325-1601 .



(b) The Casualty Assistance Office, Fort Drum, NY is responsible for casualty reporting/notification of next of kin procedures.

(c) News releases regarding death or serious injury will be coordinated with the Public Affairs Officer (PAO), 94<sup>th</sup> RRC, telephone (978) 796-3918, prior to release. No PAO release will be made until the PAO verifies next of kin notification with Casualty Assistance Office, Fort Drum, NY.

#### **4-9. Medical Support/Sick Call.**

a. During the AT season, May through September, the Devens RFTA runs a Troop Medical Clinic (TMC), which provides outpatient medical support to Reserve and National Guard soldiers on AT, Active Guard Reserve (AGR), and Active Component soldiers stationed at Devens. This facility is open seven days a week for sick call hours.

(1) Services provided are diagnosis and treatment of acute minor illnesses and injuries; pharmaceutical services to support acute care; observation and holding capability (8 hours) and wound care (i.e., suturing).

(2) The TMC has no organic ambulances or MEDEVAC capability. The units are responsible for patient transport to the clinic and to transport the patient should they need to go elsewhere for lab work, X-rays, or consultation with another physician.

b. Emergency treatment and when the TMC is closed/not operating patients will receive treatment from the Nashoba Valley Medical Center, 200 Groton Road, Ayer, MA. Units that need ambulance support will call Range Control, (978) 796-2723. Range control will coordinate with the ambulance service. If after hours call the DOD Police at (978)796-3333.

#### **4-10. Field Sanitation.**

a. Units will have a field sanitation team on orders for the AT period.

b. Teams will comply with AR 40-5, Preventive Medicine and Field Manual (FM) 21-10, Field Hygiene and Sanitation.

**4-11. Pets.** There will be no pets allowed in the billets, classrooms or admin/supply buildings. No exceptions.

### **CHAPTER 5. LOGISTICS.**

**5-1. Purpose.** To establish policies, procedures, and responsibilities for logistical support of training from the and other Devens RFTA agencies.

## **5-2. Funding.**

a. A Military Interdepartmental Purchase Agreement (MIPR) must be submitted to the Resource Management Office (RMO) prior to the training event that identifies reimbursable expenses.

(1) For non-USARC units. Department of Defense Form 448, Military Interdepartmental Purchase Request (MIPR), once accepted, is the obligating document. MIPR's will be issued to the Resource Management Office, Devens RFTA by non-USARC requestors for all services, which are to be provided by the Devens RFTA on a reimbursable basis to arrive NLT 60 days prior to the unit's training.

(2) For USARC units. All USARC units will request through their budget channels that USARC transfer required funds to the Devens RFTA. Fund transfer requests should state that funding is for Devens RFTA, identify the unit, type of service and amount. USARC will then issue the funds on a Funding Authorization Document (FAD) through the Fort Dix, Directorate of Resource Management to the Devens RFTA.

## **5-3. Supply.**

a. Temporary Loan of Equipment.

Annual training unit equipment loans from the 94<sup>th</sup> RRC Equipment Concentration Site (ECS) #65 must be approved by Commander, 94<sup>th</sup> RRC. Requests for loans will be submitted on FORSCOM Form 156-R from the unit, through their headquarters, to the Commander, 94<sup>th</sup> RRC. Planned use of ECS #65 vehicles, by other than 94<sup>th</sup> RRC units, requires inclusion on DD Form 448 indicating an account classification "for ECS #65 damage of repair parts." Contact 94<sup>th</sup> RRC DCSLOG for specific wording, (978) 796-6450, DSN 256-6449.

b. Operational Rations.

(1) These procedures have been prepared specifically for the information and use of USAR units attending training at Devens RFTA. It is intended that food service personnel will familiarize themselves with procedures at this installation and, by doing so, enable them to have a smooth, well operated food service section, whether in the field or in garrison. Other organizations must provide their own rations. Coordination for services and facility use can be made through the Installation Services Officer at (978) 796-3074.

(a) DODAAC for the USPFO or state AG.

(b) Fund Code.

(c) Billing address of the USPFO.

(2) Forms and publications.

(a) All forms and publications necessary for the operation of the dining facility or field kitchen will be provided by the unit.

(b) A current meal rate table is available from the Installation Services Officer at (978) 796-3074.

(c) Meal cards, DD Form 714, are not required for ARNG or USAR enlisted personnel. The DD Form 2A ID card will be used as the meal card. The last four digits of the diner's SSN will be used as the meal card number. Official orders or other source of verification may also be required.

(d) Request for Issue, DA Form 3161, must be prepared in four copies when requesting operational rations (MRE's, Tray Packs, or UGR's). Two copies are to be submitted to the Supervisor Supply Technician, one is retained as the unit's copy and one is to be forwarded to the S4 at higher headquarters. The Supervisor Supply Technician can be reached at (978) 796-2826.

(4) If a unit does not have mess capability, catered meals can be arranged through the Installation Services Officer, Building 657, 36 Quebec Street, telephone (978) 796-3074.

c. Class II, Individual Equipment

(1) Not available at Devens RFTA.

(2) AAFES operates a military clothing sales store in Building 671, 58 MacAurthur Ave, (978) 796-2065.

d. Class III, Petroleum, Oil, and Lubricants (POL). Class III is not available at Devens RFTA. Class II can be obtained from local vendors.

e. Class IV, Construction. Requests for Class IV items will be coordinated by exception through the SSD (Support Services Division) to the Supply Division. Requests must be on DA form 2765-1 and include DODAAC, requisition number and APC.

f. Class V.

(1) General. The following instructions are intended to serve as a planning guide for units requiring ammunition during AT. Devens RFTA Regulation 700-8, Ammunition Procedures, detailing the requisitioning, storage, use and turn-in of ammunition will be provided to units during the pre-camp training conference.

(2) Ammunition Issue.

(a) Requests for ammunition, previously forecasted and approved by RRC/USPFO, will be submitted on DA Form 581, Request for Issue and Turn-In of Ammunition, in four copies, NLT 5 working days prior to required date. Requests will be submitted to Ammunition Supply Point

(ASP), ATTN: IMNE-DEV-IST-A, Building 4217 (978) 796-3037/2770, after approval by RRC/USPFO. Commanders will ensure the UIC is entered in Block 12 of DA Form 581.

(b) Notice of Delegation of Authority, Receipt of Supplies, DA Form 1687, must be submitted to the Ammunition Officer prior to any individual obtaining ammunition. Only those individuals listed on the DA Form 1687 will be authorized to obtain ammunition.

(c) Vehicles transporting ammunition must be equipped with two serviceable, sealed Fire extinguishers, rated 10, BC, appropriate A or B EXPLOSIVE signs and a tarpaulin as required by AR 385-55, Prevention of Motor Vehicle Accidents.

(d) A driver and one other individual must be present to pick up ammunition.

(e) Ammunition is an extremely sensitive item and strict accountability must be maintained. Where possible, turn-in of unexpended ammunition and residue should be made by the same individual who obtained the ammunition. Only individuals shown on DA Form 1687 will be allowed to turn in ammunition. Turn-ins of brass residue and live rounds will be made before the unit is given clearance to depart Devens RFTA.

(3) Ammunition Turn-in.

(a) Unexpended ammunition and nonexpendable residue turn-ins will be indicated on DA Form 581, Request for Issue and Turn-in of Ammunition.

(b) Turn-ins will be compared to the applicable issue to ensure all ammunition has been accounted for. If ammunition, brass, steel cartridge cases or nonexpendable packing material cannot be accounted for, a statement by the responsible officer will reflect the circumstances of loss/destruction.

(c) Two persons are required to turn-in unexpended ammunition.

g. Class VI, Personal Demand Items. No items are available for issue. AAFES operates a shoppette and Class VI store for individual purchases.

h. Class VII, Major End Items. Not available at Devens RFTA.

i. Class VIII, Medical. Not available at Devens RFTA.

j. Class IX, Repair Parts. Not available at Devens RFTA. Units must make arrangements, through higher headquarters, with ECS of CSMS.

k. Class X, Material to Support Non-Military Activities. Not available at Devens RFTA.

**5-4. Buildings and Billets.**

a. General policies. Billeting for all AT personnel will be furnished IAW AR 210-50, Housing Management. All other billeting is provided per the priority list as described in paragraph 2-2.

Statements of non-availability are not required and are not issued by Devens RFTA. Refer to <http://www.armymwr.com/portal/travel/lodging/availability.asp>.

b. Facilities.

(1) See paragraph 2-1 for instructions concerning requests for facilities and AT-IDT Support Requirements Matrix, Appendix J, page J7 - J9.

(2) Buildings will be assigned according to priorities established in paragraph 2-2. During critical periods, it may not be possible to preserve unit integrity. Barracks are equipped with beds, mattresses, and wall lockers. Advance party personnel should be prepared to draw necessary bedding.

c. Supply/orderly rooms are equipped with desks, chairs, and a telephone.

d. The dining facilities are equipped with necessary major items to support multiple units. The telephone number is (978) 796-3074.

e. Cleaning supplies are available from , Supply/Issue section, Building 673, telephone (978) 796-3201. Units are required to maintain proper interior and exterior police of buildings during occupancy. Failure to comply will cause delay in clearing.

f. Classrooms (See appendix L). The Devens RFTA classrooms may be scheduled by indicating requirements on Devens RFTA Training Support Request. See appendix L for a list of available classrooms.

g. Parking areas. Parking areas for both military and civilian vehicles are limited at Devens RFTA, particularly those with a hardstand surface. Tactical vehicles and oversized vehicles need to be parked in the large parking lot at the north end of Queenstown Street adjacent to Pine Street. Privately owned vehicle parking is not authorized on south post.

h. Issue of Buildings: Units need to ensure their arrival time for billets is not later than 1400. This will expedite the in-processing for facilities.

i. Turn-in of buildings. Turn-in of buildings and facilities will be facilitated if advance party personnel also serve as a rear detachment to turn them in and clear property records. Coordination should be made with, Supply/Issue section, telephone number (978) 796-3201, two working days in advance of the actual turn-in. Courtesy inspections should be scheduled to minimize confusion. Units should not schedule unrealistic departure hours since clearance will not be granted until buildings have been returned in a satisfactory condition. Sufficient time for inspection should be allowed. A rule of thumb is that it will take approximately two hours to clear a dining facility, 60 minutes per barracks and 30 minutes per orderly room. Written standards of turn-in are provided upon issuing of the buildings.

## CHAPTER 6. RANGE OPERATIONS

**6-1. Purpose.** The purpose of this regulation is to provide guidance and direction for the safe use of the training facilities on Devens Reserve Forces Training Area (RFTA) by:

- a. Prescribing the procedures for scheduling use of ranges, facilities and training areas.
- b. Prescribing responsibilities and procedures for safe and environmentally sound use of training facilities.
- c. Listing the capabilities, limitations and any special requirements of available training facilities.

### 6-2. Range Control.

- a. Each unit will submit a memorandum to Range Control, listing those individuals who are qualified and certified by their Battalion Commander to sign for and operate ranges, training areas and facilities. Changes will be submitted as they occur and an updated roster submitted NLT 1 October every year.
- b. Radio frequencies. Reserve component units planning to utilize radios while training at Devens RFTA, will submit requests for radio frequencies to, Range Control IAW sample format (See Appendix H, page H-1).
- c. Range control is operated from the range control building 4217A, telephone (978) 796-2723/2155 or DSN 256-2723/2155.

**6-3. Unit Range Operations.** All range firing will be IAW DA PAM 385-63, FMs and TMs for the weapons systems and this regulation. See Appendix A, D, and F.

- a. Small arms firing may be conducted from 0730-2300, Sunday through Saturday.
- b. Mortar firing may be conducted from 0800-2200, Monday through Saturday. Firing may be curtailed due to adverse weather conditions.
- c. Immediate Action Drill (IAD) Ranges. IAD's will be conducted IAW the IAD Data Sheet contained in this regulation (Appendix C, para C-13). Immediate Action Drill exercises may be conducted on G-A range. This range is located to the right side of GOLF Range. Curry Range will not be used for IAD exercises.
- d. Night Fire Ranges. The following applies to all night fire ranges:

(1) Left and right limits will be marked with red flashing lights or red chem lights. If there is no red light on the tower, the flagpole will be marked with a red flashing light.

(2) Targets will be illuminated with shielded chem lights (not red). BRAVO, ECHO and VICTOR ranges have illuminated targets. Pyrotechnics will not be used without permission from Range Control. Permission must be granted on a daily basis.

(3) Use fighting or prone supported positions only.

(4) Three vehicles may be parked on the range in positions so as to allow use of their headlights for emergency illumination. All other vehicles will be parked off the range. Ranges A, B, C, E, P and V have emergency lights.

(5) All range safety personnel will have flashlights and be identified with white armbands or white helmet bands.

#### **6-4. Scheduling.**

a. Requests for ranges, training areas, facilities and airspace.

(1) All units, regardless of branch of service, will submit requests for ranges/training facilities/areas directly to Range Control. Requests will be submitted via the computerized Range Facility Management Support System (RFMSS) or on Devens RFTA Training Support Request, (see Appendix J). RFMSS is the preferred method.

(2) Airspace requests will be submitted on Devens RFTA Training Support Request to Range Control not later than (NLT) 14 working days prior to the date required.

(3) Submission of requests does not constitute approval. Approval authority for all requests for ranges, training areas, facilities on South Post and airspace resides solely with Range Control. Approval should be verified using the RFMSS scheduling system, by phone, or facsimile.

(4) Requests for demolition training must be submitted through the Devens RFTA Directorate of Plans and Training, Range Control Officer with concurrence of the installation Safety Director prior to conducting activities employing field expedient procedures or explosives. Requests for target approval will be submitted to Directorate of Public Works (DPW), Environmental Protection Specialist for approval of targets before scheduling. Range Control will not approve any demolition training until approval of targets is received in writing from DPW, EPS. (See DA PAM 385-62, para 17-1d(1) for requirements.)

b. Addresses for submission of requests are:

(1) Range Control address:

Commander, Devens Reserve Forces Training Area, Directorate of Plans & Training  
ATTN: Range Control, 57 Queenstown Street, Box 9, Devens, MA 01434-5409, commercial:  
(978) 796-2723/2155, DSN: 256-2723/2155, FAX: 2380.

(2) Directorate of Public Works (DPW), Environmental Protection Specialist address:

Commander, Devens Reserve Forces Training Area, Directorate of Public Works (DPW), ATTN: Environmental Protection Specialist, 30 Quebec Street, Unit #6, Ayer, MA 01434-4479, commercial: (978) 796-2393/3784, DSN: 256-2393/3784, FAX: 2557

- c. Units will submit requests NLT 14 days prior to the start of training.
- d. Requests received by Range Control less than 14 days prior to event will be approved based on availability and other factors that may affect training, i.e. Range Control staffing, planned construction, etc.
- e. Notify the Range Control of any cancelled training immediately.
- f. Unit reconnaissance of scheduled area may be conducted at any time after coordination with Range Control. Units are encouraged to do so.
- g. Physical training may be conducted on South Post by small units on a case-by-case basis. Such training must be coordinated with Range Control.
- h. Drivers training may be conducted on the South Post road network after coordination with Range Control.
- i. Units that fail to sign for their requested area within two hours of the scheduled time or fail to notify Range Control that they will be late, will be cancelled and reported as a "no-show."
- j. Most training facilities are located within training areas. Example: Facility 7, the Nuclear, Biological, Chemical (NBC) chamber is located in Training Area 14A. Scheduling the NBC chamber does not convey ownership of the entire training area to the using unit. If a unit wants to use a facility within a training area that is occupied by another unit, the unit is responsible for obtaining a co-use agreement from the unit owning the training area before Range Control will schedule the facility. Point of contact (POC) for scheduled units may be obtained from Range Control. Each unit will provide the POC telephone numbers and addresses for such coordination.
- k. "Blanket" requests will not be honored. All requests will specify the unit to use the area, not just the higher headquarters.

**6-5. Training Facility/Area Occupation and Clearance (See Appendix F).**

- a. General. There are approximately 3,600 acres available for bivouacs and maneuvers on South Post. A list and description of the areas are included in this regulation (see Appendix B). Most areas are suitable for combat support, combat service support and infantry operations. Training areas are identified by number and sub-divided alphabetically such as 13A, 13B, 13C (See Appendix C).



b. Once the unit has signed for the area, it is considered occupied and use by others is denied. If a unit does not intend to use an area scheduled, it must be released for use by others.

c. Once a unit accepts an area, it is responsible for the condition of the area upon clearing. Units using areas they do not schedule or sign for will be responsible for clearing those areas also.

d. The entire area will be cleared whether used or not. A clearing time and location to meet with a unit representative will be coordinated with Range Control. Allow at least two hours prior to desired departure time. Be ready when the range inspector arrives because the inspector will not wait. A checklist to facilitate clearing is contained in this regulation.

e. No permanent barricades will be constructed. All temporary barricades, wire or other obstructions will be removed when training is completed and before the area will be cleared. Common use roads or trails will not be blocked.

f. All wire of any type will be removed. Installation of wire communication lines will be IAW TC 24-20 Tactical Wire and Cable Techniques, 03 OCT 1988. No attempt will be made to tap existing telephone lines or other utilities. CLIMBING UTILITY POLES IS STRICTLY PROHIBITED.

g. Equipment needed to operate a range such as paddles, flags, targets, public address sets or microphones, etc. is either located on the range or will be issued at Range Control headquarters. Range Control will issue staple guns and staples.

h. Units are responsible for the area until all equipment is turned-in and a range inspector has inspected and cleared the area/range/facility.

i. RANGE CONTROL, SAFETY PERSONNEL, MILITARY POLICE, DOD POLICE, PHYSICAL SECURITY AND ENVIRONMENTAL PERSONNEL WILL NOT BE DENIED ACCESS TO ANY RANGE, TRAINING AREA, OR TRAINING FACILITY AND ARE NOT TO BE CHALLENGED BY USE OF PASSWORDS.

#### **6-6. Special Coordination.**

a. Special coordination with Range Control is required for:

(1) Targetry not normally supplied by Range Control. Coordinate at least 10 days prior to need. If required material must be ordered, sufficient lead time must be allowed for the supply system to work and Range Control must have available funds; otherwise, the unit must supply special targets with Range Control concurrence. Range Control supplies targetry required for small arms qualification for M16A1/A2, machine guns, handguns, E and F silhouettes and paper silhouette skins. Range Control cannot supply targetry for use other than on South Post.

(2) Any use of a range or facility for other than its primary intended use. Requests for immediate action drills (IADs) must be accompanied by a written plan with sketch showing

weapon firing points. Quick-fire training must be coordinated with Range Control.

b. Night road marches under blackout conditions require an overlay with checkpoints, route, times and controls. Dismounted night foot marches require the same, if conducted along traveled roads. Driving with night vision devices requires completion of the classroom portion of the training, and a letter signed by the commander certifying completion of the classroom training. Assistant drivers will not wear night observation devices (NODs).

c. Training involving excavating, clearing or construction.

d. Written scenario for IADs will be submitted before the range will be scheduled. Scenario should be submitted 30 days prior to desired date of use.

## CHAPTER 7. SAFETY

**7-1. General.** Safety is the primary concern when conducting any training at Devens RFTA. SAFETY WILL NOT BE SACRIFICED FOR THE SAKE OF REALISM. Safety is the first consideration of every soldier and civilian using Devens RFTA facilities. Safety is the primary responsibility of every leader down to the smallest element. Reference AR 385-10, AR 385-63, and DA PAM 385-63.

a. Safety Management Office is located in building 666, and can be contacted at telephone (c) (978) 796-2159/2441, DSN 256-2159/2441, Monday through Friday, 0700-1600.

b. Units are required to appoint a Safety Officer, down to and including company, troop, or battery level. One copy of the duty appointment will be furnished this headquarters, ATTN: IMNE-DEV-SO, 30 Quebec Street, Devens, MA 01434.

c. Safety Officers will:

(1) Be familiar with DA, FORSCOM and Devens RFTA Safety Regulations.

(2) Establish and maintain an accident prevention program for their unit.

(3) Ensure the immediate reporting of accidents and injuries as follows:

(a) Accident Reporting Requirements. Accident reports will be prepared IAW AR 385-40. An information copy of each report will be forwarded to Commander, Devens RFTA, ATTN: Installation Safety Office.

(b) Serious or fatal accidents will be reported by the most expeditious means, through command channels, to the Devens RFTA Safety Management Office and Range Control during normal duty hours or DOD Police during off duty hours. Format is as follows: (Refer to AR 385-40, Accident Reporting and Records). Initial notification requirements:

Type of Accident.  
Time, Date and Location of Occurrence.  
Name, Grade, SSN and Unit of Person(s) Involved.  
Nature and Extent of Injury.  
Property Involved and Extent of Damage.

(c) See paragraph 3-6, Casualties, this regulation, for further guidance.

(4) Supervise the preparation and review of safety reports submitted for accuracy and corrective action.

## **7-2. Safety Certification Program.**

a. Commanders are required by DA PAM 385-63, to certify unit range personnel. Commanders may develop their POI to suit their needs or contact Range Control for a sample POI. Battalion commanders will submit a list of certified personnel and the weapon systems they are certified for to Range Control annually NLT 1 October and update it as necessary. PERSONS NOT CERTIFIED AS OICs/RSOs WILL NOT SIGN FOR RANGES.

b. Persons in violation of safety procedures may be decertified and the training suspended until the unit appoints another qualified individual. If evidence of unsafe practices is found after a unit has cleared and before another unit uses the area, a letter decertifying the OIC and RSO may be issued by the Range Control Officer.

**7-3. Safety Briefing.** Commanders will ensure that the OIC and safety personnel receive a safety briefing from Range Control prior to assuming duties. This applies to training exercises and ranges. The OIC will ensure all personnel receive an unexploded ordnance briefing. All late arrivals will be briefed.

## **7-4. Duds (Unexploded Ordinance).**

a. A dud is defined as a failure to function as designed after firing or launching. Example: A 40mm high explosive (HE) round that does not explode on impact is a dud. A 40mm HE round that does not fire is NOT a dud, it is a misfire.

b. DO NOT PICKUP, MOVE, OR IN ANY WAY DISTURB ARTILLERY OR MORTAR PROJECTILES, ROCKETS, GRENADES, FLARES, PYROTECHNIC DEVICES, COMBUSTIBLE DEVICES, BLASTING CAPS, OR FUSE DEVICES. ANY OBJECT NOT READILY IDENTIFIABLE IS TO BE CONSIDERED AND TREATED AS A DUD.

c. Duds will be disposed of only by qualified explosive ordnance personnel.

d. Suspected duds outside the marked impact area will be marked at a safe distance in a readily identifiable manner and Range Control notified. A unit representative will remain on-site until a range inspector arrives or other instructions are given by Range Control.

e. Under no circumstances will personnel enter the impact area or go forward of a firing position to locate and mark a dud. A sketch map showing the approximate location of explosive duds will be prepared and given to Range Control.

**7-5. Misfires.** A misfire is a complete failure to fire. It is not a dud. Misfire procedures contained in the publications for the particular weapon system will be followed. The misfire will be returned to the Ammunition Supply Point (ASP). Misfires will not be returned to the guard at the front gate. If ammunition personnel are not on duty, the misfire(s) will be kept at the range and under guard until proper personnel are available to accept the turn-in at the ASP.

**7-6. Restricted Areas.**

- a. Forward of the target line on all 25-meter ranges.
- b. Forward of the firing line on all other ranges.
- c. The impact area is defined by Harvard Road on the south, Firebreak Road on the west, Shoefelt Road on the east and beyond the 300-meter target line on ECHO Range, the target pits on GOLF Range and Turnpike Road to Firebreak Road on the north.  
NO PERSON WILL ENTER THE IMPACT AREA WITHOUT RANGE CONTROL AUTHORIZATION AND/OR ESCORT.
- d. DELTA Range, forward of the firing line, is absolutely off limits to unauthorized personnel.
- e. Any road, trail, or area beyond closed range gates or other Range Control barricades.
- f. Archaeological sites and environmental cleanup sites. Sites will be physically marked or briefed to the user.
- g. Contractor sites unless authorized by the contractor and Range Control. Such sites will be physically marked or briefed to the user.
- h. The Oxbow Wildlife Refuge except for the main tank trail. Vehicles are expressly prohibited from leaving the traveled surface and no training will be conducted in the refuge.
- i. Tracked vehicles in any training areas other than TA6 and TA7 unless specifically authorized by Range Control and the Natural Resources Manager.
- j. Vehicle use on Turner DZ may be restricted due to weather conditions. Tracked vehicles will not operate on the grassy surfaces at any time. Tracked vehicles may use Shoefelt Road across the DZ and operate along the tree line south of the DZ. No other roads or trails on the DZ are to be used by tracked vehicles. Other vehicle operations are authorized with specific coordination with Range Control or the Natural Resources Manager.

k. Any structure, range, facility, or training area not signed for or otherwise authorized for use. Violators will be required to clear the area, in addition to those scheduled and signed for.

l. Ground water monitoring wells located around South Post, to include ranges and the impact area, are off limits to unauthorized personnel. Units will not conduct any activities in the immediate location of the wells. All wells are painted bright orange and have protective barriers around them.

#### **7-7. Ammunition and Demolition Restrictions.**

a. Any weapon system, ammunition, or course of fire not listed on range data sheets in this regulation or approved on a case-by-case basis by Range Control. Members of training units will not bring privately-owned weapons or ammunition to ranges or training areas. Persons found with such items will be removed from South Post.

b. No .50 caliber ammunition, other than plastic reduced range ammunition and .50 caliber blank ammunition may be fired on South Post ranges.

c. No mortar ammunition larger than 81mm.

d. Facility 7 is the only authorized location for training with chemical agents. No chemical (gas) rounds of any type, chemical suppressant (CS) or other gases, or any riot control agent will be used in any other training area or on any range.

e. No pyrotechnics will be used without daily approval from Range Control, including smoke grenades and trip flares.

**7-8. Smoke Operations.** Smoke will not be employed if the location and wind direction is such that the smoke may drift off the reservation. Personnel will carry protective masks when participating in exercises using smoke. Personnel will mask before:

a. Exposure to any concentration of smoke produced by white smoke grenades or smoke pots (HC smoke) or metallic powder obscurants.

b. When operating in or passing through a smoke haze (visibility greater than 50 meters) and the duration of exposure will exceed 4 hours.

c. When operating in or passing through dense (visibility less than 50 meters) smoke concentrations, such as smoke blankets or curtains.

d. Any time exposure to smoke produces breathing difficulties, eye irritation, or discomfort. Such effects on one person may signal the need for all exposed persons to mask.

e. Using smoke in confined or enclosed areas, such as urban operations (MOUT training). Smoke in confined areas may cause oxygen depletion. Care must be taken to prevent entry into an oxygen deficient area. The protective mask is no protection against oxygen depletion.

## 7-9. Communications

a. Range Control is the net control station (NCS) for the range communication network. The range net is a clear text, directed safety net. Units will use the area, range, or facility they are occupying as their call sign. If two or more units are using the same area, they will use their unit designation and area as their call sign. Internal communications will not be conducted on FM 38.85, the range net (See Appendix H). All communications directed to, or originating from, Range Control will be on FM 38.85 or the frequency designated by Range Control; squelch off for the VRC family of radios. Units with single channel ground and airborne radio system (SINCGARS) will use the designated FM frequency, single channel mode with the function knob in the ON position.

b. Military units are responsible for providing their own communications equipment. Failure to do so may result in denial of requested facilities. Range Control may provide radios to non-military organizations, if sufficient radios are on-hand. The first priority for Range Control radios is Range Control use.

c. All units using any range, training area, or facility are required to maintain continuous communications with Range Control. Radio checks will be made with Range Control hourly. A unit headquarters or tactical operations center (TOC) may make the hourly radio checks for subordinate units, if they maintain internal communications with the units.

d. All units will give Range Control the eight-digit grid coordinate of their command post within one hour of occupation.

e. Units will have enough radios to conduct internal communications and monitor the range net. An operator will be assigned to monitor the range net at all times. Cease-fires, notice of emergency messages and other traffic for units are passed by radio. Units that consistently fail to respond will have training suspended until communications are established and maintained.

f. There are no mag drops down range on South Post.

g. After hours communication. Before Range personnel go off duty, Range Technician will notify DOD Police and inform the training Units in the field to communicate directly with the DOD police. Units will monitor radio at all times and perform Radio Checks every “four (4) hours” with DOD Police when in non live-fire Status. Upon Range Personnel returning to duty, in the morning, Range Technician will contact DOD Police to assume control of South Post Unit activities.

### h. **Emergency communications after hours.**

(1) Call DOD Police on Saber Radio and Simultaneously send runner to Range Control to call DOD police from phone located outside of Range Control.

(2) Runner phones DOD Police at ext. 3333 (commercial (978) 796-3333) from Range Control phone.

(3) If DOD Police **cannot** be contacted call 9-911 from outside of building 4217A (Range Control Office) or 911 from your cell phone.

**7-10. Ammunition Safety, Handling and Storage.** All munitions will be handled and stored IAW DA PAM 385-63; AR 385-64; FM 5-250 and specific publications pertaining to the ammunition or weapon system.

a. No ammunition other than blanks will be fired at any location other than a range.

b. FIRING 40mm SMOKE, GAS ROUNDS, OR FLARES IS STRICTLY PROHIBITED IN ANY TRAINING AREA.

c. All spent brass will be policed from ranges. Brass and unfired live rounds will be returned to the ASP. Misfires will be returned to the ASP.

d. Small arms ammunition may be stored on the range overnight. It must be guarded and the guards must have radio communication with Range Control. Demolitions and high-explosive ammunition may not be kept on the range overnight. Ammunition other than blanks will not be kept in training areas. Field ammunition supply points are not authorized.

**7-11. Tracer Ammunition and Pyrotechnic Use.** Daily permission must be obtained from Range Control before use. Use will be determined by the fire index for the day as determined by the local Fire Tower at 978-464-2832 after 10:00 hours daily.

**7-12. Vehicle Safety.**

a. Seatbelts will be worn by all occupants.

b. All vehicles entering or moving in a bivouac area after dusk will have a flashlight-equipped ground guide. Vehicles larger than 1 ½ tons will have a front and rear ground guide.

c. A rear ground guide is required for any tactical vehicle when backing up.

d. Speed limits on South Post are:

(1) 25 mph on paved roads.

(2) 15 mph on gravel or improved hard-packed roads; in congested areas when passing vehicles are parked close to the traveled way; when passing marching troops or troops dismounting from vehicles.

(3) 5 mph on trails and in training areas.

e. Vehicles that become stuck or otherwise inoperable are the driver's/unit's responsibility. Range Control will not tow any vehicle.

f. The Transportation Motor Pool (TMP)/General Services Administration (GSA) vehicles will not be used cross-country. Transportation Motor Pool four-wheel drive vehicles may be used on unimproved roads. Other TMP/GSA vehicles may be used on graveled or paved roads only. Range Control may restrict the travel of TMP/GSA vehicles by agreement with the Installation Transportation Officer. (ITO). This restriction does not preclude responding to a medical emergency or life-threatening situation, if necessary. However, caution and common sense will be used.

g. The driver or vehicle commander of all vehicles entering South Post will report to Range Control before proceeding onto South Post.

h. Exceptions will be made on a case-by-case basis by Range Control for privately-owned vehicles (POVs) in training areas and ranges. No POV's will be authorized down Range after noontime on Friday through 0630 hours Monday. POVs driven by law enforcement personnel are considered to be government vehicles (Monday through 1200 hours on Friday). All POVs authorized on South Post will have a pass issued by Range Control. Training units will not park POVs on South Post or at Range Control headquarters. Unauthorized POVs parked on South Post, including at Range Control headquarters, are subject to ticketing and towing at the owner's expense.

i. Climbing telephone or electric poles is expressly prohibited. Signs will not be posted on utility poles. Any unit having a mission requiring climbing utility poles, carrying live wires, will have written approval from the Installation Safety Officer and Supply and Services Division chief before doing so.

j. The driver and all occupants of tactical vehicles will wear Kevlar helmets per USARC directive.

**7-13. Alcoholic Beverages.** ALCOHOLIC BEVERAGES ARE EXPRESLEY PROHIBITED ON ALL RANGES, TRAINING AREAS, AND FACILITIES. ALL USERS OF RANGES AND TRAINING FACILITIES, REGARDLESS OF THEIR STATUS, MAY NOT POSSES, TRANSPORT, OR CONSUME ALCOHOLIC BEVERAGES WHILE THEY ARE ON ANY RANGES AND TRAINING TARINING AREAS. (See Devens RFTA Policy 215-1, Feb 04.)

**7-14. Civilians.** Civilians will not be allowed onto the South Post tactical training areas unless specifically authorized by Range Control.

**7-15. Fires.** Open fires and burn barrels are not allowed. Any fires will be reported to Range Control, giving the location, extent of fire and unit reporting the fire. Instructions from Range Control will be followed. When Range Control is closed, fires will be reported to DOD Police using organic radios or telephoning 978-796-3333. NO ATTEMPT WILL BE MADE TO EXTINGUISH FIRES IN THE IMPACT AREA. Ranges will be placed in a cease-fire status by Range Control, if necessary. Firing will not resume until authorized by Range Control. Units will make every effort to extinguish small fires only, if authorized by Range Control to proceed downrange. Fireguards will be posted by units using tent stoves. An ABC-type fire extinguisher will be available for each stove in use. Field heater use will be IAW the appropriate Technical



Manual (TM) and Appendix E.

**7-16. Aircraft.** Military aircraft with FM capability will call Range Control on the current FM frequency before entering South Post airspace. Pilots will call Range Control telephonically before takeoff to schedule training missions and receive a range briefing. For aircraft conducting cargo or personnel drops at Turner DZ, the DZSO will maintain communications with Range Control. Any person observing aircraft, apparently in the SDZ for a range, will immediately call a cease-fire and contact Range Control. Firing will not resume until Range Control gives permission. Airspace is denied when mortar fire is being conducted. Helicopters and any other non-participating aircraft will remain one-half nautical mile from the perimeter of the DZ when cargo or personnel drops are in progress. See Appendix D.

**7-17. Unsafe Acts or Conditions.** Anyone observing an unsafe act or condition has the authority and obligation to call for an immediate "CEASE-FIRE" or halt training being conducted. If correctable on-the-spot, training may resume after the unsafe condition no longer exists. If the condition cannot be rectified, Range Control should be notified immediately. Firing may not resume without permission from Range Control.

**7-18. Water Training.** Any training in or over water will be in strict accordance with Forces Command Safety Regulation 385-1. Copies are available at the FORSCOM web site or at the Devens Safety Office (Bldg 666, Rm 223). Training involving water activities may be conducted at Slaterock Pond and Clear Pond. Spectacle Pond will not be used for training. Water training activities will require the following, as a minimum:

- a. All personnel will be categorized and distinctively marked as swimmers or non-swimmers.
- b. U.S. Coast Guard approved life jackets/belts will be worn.
- c. The unit OIC will ensure all personnel receive a water safety briefing.
- d. Helmets will not have the chinstrap fastened.
- e. A safety line will be used and will extend the full distance to be traversed. Gear will be secured to the line and not personnel.
- f. A flat-bottomed boat will be on-site and equipped with life rings and a safety pole. A qualified lifeguard will man the boat.
- g. At least two physically fit, Red Cross certified lifeguards with lifesaving equipment, will be present during training. They will be appropriately clothed for immediate rescue.

**7-19. Tracked Vehicles.** THE ONLY AREAS AUTHORIZED FOR TRACKED VEHICLE TRAINING OR USE ARE TRAINING AREAS 6 AND 7.

- a. All tracked vehicle entry and exit for South Post will be through the Oxbow Wildlife Refuge, unless transported on removable gooseneck trailers. Access to Training Areas 6 and 7

will be through the impact area. Speed limit is not to exceed 15 mph. All turns on paved surfaces will be gradual and fully controlled. Extreme caution will be used on hot days when the pavement is soft. Tracked vehicles will not ride the shoulders of roads. The Still River Bridge, entering South Post, has a vehicle weight classification of 20 tons. When crossing this bridge:

- (1) Ground guides will be used.
  - (2) All crew members except the driver will dismount.
  - (3) Stay astride the center line.
  - (4) One vehicle at a time on the bridge. No personnel on the bridge at the same time.
  - (5) Do not exceed 5 mph. Do not accelerate or brake while on the bridge.
  - (6) If it is necessary to tow a tracked vehicle across the bridge, the towed vehicle will have to be winched across.
- b. Tracked vehicles will be escorted by a wheeled vehicle leading the column from the Route 2 underpass to the training area. Speed limit will not exceed 10 mph when passing troops, parked vehicles along the road, or congested areas.
- c. Ground guides will be used when moving within a bivouac or assembly area.
- d. Tracked vehicles will not operate on the grassy surfaces of Turner DZ at any time. The trails on the DZ will not be used if soft or muddy enough that ruts occur.
- e. Units are responsible for repairing damage caused by tracked vehicles to roads or training areas before the unit departs. If repairs are beyond the unit's capability, the unit may be billed for restoration costs as determined by the Natural Resources Manager.
- f. To preclude excessive damage to terrain during periods when the ground may be abnormally soft, tracked vehicle training may be limited or cancelled. Range Control and/or the Natural Resources Manager will make determination.

**7-20. Range Safety.** All safety requirements contained in this regulation, in DA PAM 385-63 and the safety guidelines or warnings in the weapon FMs/TMs will be complied with. Safety equipment is the responsibility of the user unit.

- a. Blank adapters and MILES equipment will be removed from all weapons on the range.
- b. No running or horseplay on ranges.
- c. Personal weapons and ammunition will not be fired or brought to the range by unit personnel.

- d. Live ammunition will not be present at any location where blank ammunition is to be fired.
- e. All persons on the range, including visitors will have hearing protection.
- f. Firing 40mm target practice (TP) ammunition requires eye protection and sleeves rolled down.
- g. Helmets are required on explosive ranges and in the pits on any known distance range. Explosive ranges include demolitions, hand grenades, antitank weapons, mortars and M203/M79 firing. Wearing helmets at any other time is at the commander's discretion.
- h. The appropriate FMs/TMs for the weapons being fired and the range book issued by Range Control must be present on the range.
- i. A ten pound B-C fire extinguisher must be present. Dry chemical or CO<sub>2</sub> are the only types authorized.
- j. Constant radio communication with Range Control must be maintained.

**7-21. Opposing Forces (OPFOR) Actions.** A schedule and plan for all OPFOR attacks will be submitted to Range Control before operations are conducted.

- a. OPFOR will not interfere with critical activities.
- b. There will be no physical contact between forces. Personnel will not be mistreated. The OPFOR OIC will be present for all contacts.
- c. OPFOR will have constant communications with their controlling unit. The controlling unit will have constant communications with Range Control.
- d. No OPFOR actions will be undertaken against units conducting range firing or anywhere live ammunition is present. Smoke will not be employed in any situation involving moving vehicles or blackout driving.

**7-22. Medical Support.** Ambulances, emergency medical vehicles and medical personnel are not required to standby at every range, weapons training facility, or training area.

**7-23. Basic Weapons Safety.** The following safety initiatives will be complied with:

- a. M16A1/A2/A4/M4 rifles will have the magazines removed, bolt to the rear and dust cover open, and mechanical safety on.
- b. Pistols will have the magazines removed and slide locked to the rear. The slide may be forward on holstered weapons.
- c. M60 machine guns and squad automatic weapons (M249s) will have the feed cover open,

bolt forward and mechanical safety on.

- d. Shotguns will have the bolt open and magazine empty.
- e. Blank firing adapters and MILES equipment will be removed from all weapons on live fire ranges.
- f. All weapons will have a one-piece clearing rod passed through the barrel before removal from the firing line and before removal from the range.
- g. No one will go forward of the firing line until all weapons are grounded, cleared and no person is handling a weapon.
- h. Weapons will be pointed up and downrange at all times.

#### **7-24. Accident Reporting.**

- a. Any training or firing accident will be reported to Range Control immediately. If medical evacuation is required, Range Control will call for an ambulance. If possible, the unit requiring an ambulance will have an escort vehicle at Range Control to meet the ambulance. If an escort is not possible, a guide will meet the ambulance on the nearest main road closest to the accident site. The unit will complete DA Form 285 and send it to the installation Safety Officer IAW DA Pamphlet 385-40.
- b. Ambulance support is provided by civilian sources and should be called for in emergency situations only. Units with organic transportation should consider utilizing their own assets before calling for ambulance assistance.

**7-25. Unsafe Conditions and Incident Reporting.** Any unsafe condition of ranges, training areas, or facilities should be reported to Range Control for correction. An incident is a violation of regulations or act that could result in an accident, but does not. Units should take immediate action to correct incidents, if possible. If the unit cannot correct the problem, report it to Range Control.

**7-26. Weather Warnings.** Severe weather warnings will be broadcast over the Range Control net as they are received during normal hours of operations. The Wet Bulb Globe Temperature (WGBT) readings will be broadcast hourly when temperature reaches 78 degrees Fahrenheit or above. It is the training unit commander's responsibility to take whatever action is required to protect the soldier. Range Control does not cancel or modify training due to weather, except when snow/ice makes roads impassable or ranges unusable.

## **CHAPTER 8. ENVIRONMENTAL ISSUES**

### **8-1. Responsibilities.**

a. Users of the Devens RFTA must follow the Devens RFTA Environmental Standing Operating Procedures. This SOP may be obtained from the Service Support Division, Environmental Division, 30 Quebec Street, Devens, MA. That information provides units with guidance and documentation required for environmental compliance while using the Devens RFTA.

b. Units must appoint an Environmental Coordinator and alternate, who will be responsible for coordinating environmental affairs for each training event. The Environmental Coordinator will:

(1) Ensure the Devens RFTA Environmental Documentation Form is properly completed and on file at the Environmental Division, Box 10, Devens, MA, 01434, prior to the start of the training year and when information changes.

(2) Submit a Record of Environmental Consideration (REC) Devens RFTA Form 57 to Environmental Division 30 days prior to any field training exercise (FTX).

(3) Ensure environmental preparedness of the unit, using the commander's Environmental Checklist for guidance.

(4) Be familiar with AR 200-1, Environmental Protection and Enhancement.

(5) Ensure the environmental protection of all training areas through good management practices, proper containment of equipment, and the prevention of and reporting of all spills of oil and hazardous materials. All spills will immediately be reported to Range Control. Proper reports will be filed IAW the Environmental SOP.

(6) Units will properly clear their training area/ranges through Range Control.

**8-2. Environmental Protection.** All training will be conducted in compliance with federal, state and local environmental laws, regulations and directives. Every individual is responsible for prevention of damage or pollution. UNITS WILL BE HELD ACCOUNTABLE FOR REMOVAL AND DISPOSAL OF HAZARDOUS WASTE CREATED OR CAUSED BY THE UNIT. UNITS WILL BE HELD RESPONSIBLE FOR MANEUVER/ENVIRONMENTAL DAMAGE. Units must file environmental documentation with the Supply & Services Division, Environmental Officer before scheduling training.

**8-3. Refueling.** There are three refueling points constructed specifically for vehicle refueling. They are located in training areas 9A, 10B and 14A. Each refueling point is large enough to contain two 5,000-gallon tankers. Schedule refueling points as any other training facility. A unit using a refueling point must have a co-use agreement with any other unit in the training area, unless the refueling unit owns the area.

a. Every precaution will be taken not to contaminate the refueling points since accumulated water must be pumped out (14A) or drained (9A/10B) periodically. THESE REFUELING POINTS DO NOT HAVE OIL/WATER SEPARATION CAPABILITIES. Vehicles will park on heavy plastic sheeting, use drip pans when refueling and place nozzles in drip pans when not in use. Any drips or spills will be immediately cleaned up and disposed of in a container supplied by the unit for that purpose.

b. Units will inform Range Control of their intent to conduct any refueling operations. Range Control will ensure that the drains on the refuel points (9A/10B) are closed prior to any use of these facilities.

c. Fuel vehicles will report to Range Control before entering South Post for inspection. All fuel vehicles will have:

- (1) An operator certified to dispense Petroleum, Oil and Lubricant (POL) products.
- (2) Ground rods, plastic sheeting, absorbent materials, drip pans, a shovel, sandbags, a fire extinguisher and a nozzle drip container.
- (3) No leaks. Leaking vehicles will be denied entry to South Post.

NOTE: If the above requirements are not met, refueling will not be conducted.

d. Refueling vehicles or portable fuel pods (PFPs) parked any place other than a specially constructed refuel point will be parked in a plastic lined, sandbagged depression large enough to contain 110% of the contents. Accumulated water will be removed periodically. Any POL sheen or contamination must be removed using sorbent pads or oil removers before the water is drained to the ground.

e. Use and Storage of Portable Fuel Pods Procedures. All fuel tankers, fuel trailers, 5-gallon cans of fuel, generators and heaters are designated as a PFP for the purposes of this regulation and the following applies:

- (1) Fuel pods shall not be filled more than 95% full to prevent "burping."
- (2) A licensed fuel handler shall be present at all times during fuel transfer operations.
- (3) Vehicle refueling will only take place in the refueling points in areas 9A, 10B and 14A. Refueling vehicles at any other location on South Post is strictly prohibited.
- (4) A secondary containment shall be provided around any PFP parked or stored outside the refueling points and containing fuel. Secondary containment must be constructed of material impervious to the fuel being stored. This spill containment area shall be of sufficient volume to contain 100% of PFP contents plus six inches of freeboard for precipitation. Secondary containment shall be inspected daily and accumulated precipitation drained to ground. IF THERE IS NO SHEEN ON THE WATER. Any sheen or contamination must be removed using sorbent pads or oil removers before draining. A LOG MUST BE KEPT OF ALL

## INSPECTIONS AND DISCHARGES.

(5) When a PFP contains fuel, specific procedures will be implemented by the unit to ensure that the status of the PFP and spill containment is checked daily, that all precipitation is inspected before discharge and that no liquid containing a sheen of oil is allowed to be discharged. Records of such inspections shall be maintained showing the inspector's name, the date, time, findings and signature.

(6) A spill response kit, as described in the unit Spill Prevention, Control and Countermeasures Plan (SPCCP) shall be present during all fuel transfer operations.

(7) All PFPs should be stored empty. If not stored empty, they must have spill containment.

(8) All valves shall be capped, locked, or lock wired shut during transport and prolonged periods of non-use if the PFP contains fuel.

**8-4. Maintenance Operations.** Normally, vehicle maintenance beyond operator level will not be performed in the field on South Post. Maintenance operations requiring fluid changes, removal/replacement of major components (engines, transmissions, etc.) require approval by the Directorate of Public Works (DPW), Environmental Officer and Range Control to ensure proper spill prevention measures, handling and disposal of waste.

**8-5. Spill Response Procedures.** If a spill occurs, the following actions will be taken:

a. Contain the spill. Cover all drains in the path of the spilled liquid. Use sorbent pads, sorbent material, or containment booms to divert the liquid away from drains, culverts, drainage ditches, bodies of water and to stop the spill from spreading.

b. On South Post, notify Range Control at (978) 796-2723/2155; on main post, notify DOD Police (978) 796-3333, or during normal business hours, notify Directorate of Public Works (DPW), EO at (978) 796-3784. Follow "Use Immediate Action Drill" procedures. Be prepared to give the following information:

- (1) The amount of material spilled.
- (2) The name of the material spilled.
- (3) Where the spill is located.
- (4) Time and date of the spill.
- (5) Whether or not the spill is contained.
- (6) Your name and title.
- (7) Your telephone number.

c. Spill cleanup will be accomplished by using proper protective equipment for the specific spilled material. Clean the area with sorbent pads and material. All contaminated soil will be shoveled into an UN approved, open top 55-gallon drum and covered. If the amount of soil is too much to be put in drums, shovel all contaminated soil onto a plastic tarp and cover with plastic. All containers and piles will be labeled with the date of the spill, the substance spilled and the hazard associated with the material. Labels must include the words "Hazardous Waste."

#### **8-6. Hazardous Waste.**

a. All spills of fuel, oil, solvents, etc., must be cleaned up immediately, regardless of how small they may be. Spills will be reported to Range Control as they occur.

b. The unit is responsible for digging up and disposing of all soil contaminated by POL products. The DPW, EO will normally be the person who determines when the cleanup is complete. Contaminated soil and waste will be deposited in a hazardous waste drum provided by the unit. Drums must be labeled IAW environmental regulations. The unit may transport drums to Range Control for temporary storage in a hazardous material storage shed. If there is no room in the shed, the unit must make other arrangements for storage or disposal. Hazardous waste will not be transported off South Post by units. Holes will be refilled with clean fill.

c. Drip pans with sorbent material will be placed under all tent heaters, heater fuel cans, fuel relay pumps, cook stoves and all 5-gallon refueling cans. Sorbent material not contaminated will be stored by the unit for re-use.

#### **8-7. Solid Waste.** Units are responsible for disposal of all trash.

a. Dumpsters located at Range Control or other locations on South Post may be used for trash disposal. No wood, metal, tires, or hazardous materials will be placed in the dumpsters. If the dumpsters are full, the unit must take the trash with them. Trash and garbage will not be placed in containers designated for recycled cardboard.

b. Food products, trash, garbage and grease from mess operations will not be burned or buried. Soakage pits may be dug for disposal of gray water only. Soakage pits will be constructed IAW field sanitation publications. A soakage pit four feet square and four feet deep will handle 200 gallons of liquid per day in well-drained soil.

c. Field latrines of any type will not be used on South Post. Units will arrange for sufficient portable latrines through . There are portable latrines located permanently on each range and facility. They will be moved by the contractor only. THERE ARE NO PORTABLE LATRINES IN THE TRAINING AREAS.

**8-8. Water Resources.** The Massachusetts Wetlands Protection Act decrees that no construction or training shall take place that would cause, directly or indirectly, alteration from erosion or pollution of streams, ponds, rivers, lakes, or any other wetland on the installation, or within 100 feet of such areas.



a. Water Purification Operations: Water will not be taken or drained from any body of water without DPW, EO or Natural Resources Manager's approval and Range Control concurrence. Decontamination sites, showers and mess operations should use water tankers. The only sites authorized for water purification operations are in Training Area 9A and Training Area 14.

b. Potable Water Source: The only potable water source on South Post is the water point located on Dixie Road opposite ECHO Range. You may sign for the hydrant wrench at Range Control. Let the water run for three minutes to flush the hoses before filling containers. The water point in Training Area 6 is not potable water; it is for Fire Department use only. No washing of vehicles will be done at any water point or any other location on South Post.

## **8-9. Landscape and Vegetation.**

a. Live vegetation will not be cut for any reason unless marked for removal by the Natural Resources Manager. Cutting wood is by permit only. Permits are available from the Natural Resources Manager. Persons wishing to cut wood on South Post will coordinate with Range Control prior to entering the training areas.

b. Trees or plants will not be taken for transplanting.

c. Existing trails and roads will be used to the maximum extent possible to minimize erosion and terrain damage. Vehicles, especially tracked vehicles, will avoid road shoulders and ditches.

d. Fighting positions and other dug emplacements will be filled and mounded to allow for settling. They will not be filled with logs, trash, rocks, or unsuitable debris. Above ground emplacements will be dismantled and the area returned to its original natural state when clearing training areas. Track vehicles are not authorized on Turner Drop Zone (DZ) at any time. Wheeled vehicles are authorized on Turner DZ with the authorization from Range Control.

## **8-10. Fish and Wildlife.**

a. Do not chase, capture, shoot, or in any way, harass wildlife. It is illegal to remove wildlife from its habitat. Report vehicle collisions with large animals or birds to Range Control.

b. Known Poisonous Snakes: There are no known poisonous snakes in the training area. Report any animal bites or diagnosis of any animal or environmentally transmitted disease to Range Control, in addition to standard medical reporting procedures.

c. Ticks: There are many ticks in the area during warm weather. Ticks are carriers of Lyme Disease and Rocky Mountain Spotted Fever. Granulocytic Ehrlichiosis is being attributed to ticks. The disease has influenza like symptoms and is potentially fatal. All precautions must be taken against ticks.

d. Survival Training: Units conducting survival training must obtain written permission from the Natural Resources Manager at the DPW to catch fish or wildlife for this type of training.

**8-11. Hunting and Fishing.** Hunting and fishing is allowed on South Post under certain conditions. All state, federal and installation regulations will apply. The Natural Resources Manager and Range Control will control all hunting and fishing. Hunting and fishing will not interfere with training activities. To prevent scheduling conflicts, Range Control will be the final approving authority. Hunters and fishermen will take all trash with them when they leave. Persons caught littering may lose their privileges and littered areas may be closed.

## **CHAPTER 9. PROHIBITED ACTIVITIES**

**9-1. Prohibited Activities.** The following activities are prohibited anywhere within the Devens RFTA except when conducted as scheduled military training IAW AR 350-19:

- a. Swimming or waterborne operations, ice fishing or ice-skating.
- b. Souvenir hunting or use of metal detectors.
- c. Hunting, except during the installation hunting seasons and as prescribed by installation regulations.
- d. Cutting wood without a permit.
- e. Recreational camping.
- f. Use of any off road recreational vehicle, jet skis, motorboats, or any gas engine on any body of water.
- g. Open fires unless authorized for survival training.
- h. Cutting or removal of any plants, mushroom hunting, berry picking, dandelion or herb picking.
- i. Sightseeing, horseback riding.
- j. Firing of privately-owned weapons unless conducted IAW DA PAM 385-63.

**References.**

**Regulations:**

- a. AR 75-1 Malfunctions Involving Ammunition and Explosives, RCS AMC 132 (Min)
- b. AR 190-11 Physical Security of Arms, Ammunition and Explosives
- c. AR 190-13 Army Physical Security Program
- d. AR 190-14 Carrying of Firearms
- e. AR 200-1 Environmental Protection and Enhancement
- f. AR 385-10 Army Safety Program
- g. AR 350-19 Army Sustainable Range Program
- h. AR 385-55 Prevention of Motor Vehicle Accidents
- i. AR 385-63 Range Safety
- j. AR 385-64 Army Explosives Safety Procedures
- k. AR 710-2 Supply Policy Below the Wholesale Level (Unit Supply Update 13)
- l. AR 735-5 Basic Policies and Procedures for Property Accounting
- m. DA PAM 385-40 Army Accident Investigation and Reporting
- n. DA PAM 385-63 Range Safety
- o. DA PAM 385-64 Ammunition and Explosives Safety Standards
- p. DA PAM 710-2-1 Unit Supply System.
- q. FM 3-22 M16A1/A2/A3/A4/M4 Rifle and Marksmanship
- r. FM 7-10 Training the Force
- s. FM 23-90 60mm Mortar
- t. TM 10-4500-200-13 Immersion Heaters
- u. FORSCOM REG 385-1 Forces Command Safety Program

- v FORSCOM REG 700-4 Ammunition
- w. Devens RFTA REG 200-3 Land, Forest and Wildlife Management
- x. Devens RFTA REG 385-10 Army Safety Program
- y. Devens RFTA REG 700-8 Ammunition Procedures
- z. FC 700-4 Ammunition.

**Additional References:**

- a. ALM 49-0273-WB (A) Regulation for Refueling and Hazardous Waste Operation
- b. 14 CFR Part 73 Amendment to Times of Designation for Restricted Areas R-4102A & R-4102B
- c. Alcohol, Tobacco and Firearms P5300.4 (6-68) Federal Firearms Regulation
- d. Alcohol, Tobacco and Firearms P5300.5 State Laws and Published Ordinance-Firearms
- e. Devens RFTA Military Installation Map, series V7144S, 1:50,000 scale
- f. FORSCOM message, 120800Z Mar 87, subject: FORSCOM Ammunition Amnesty Program.
- g. Memorandum, AFRC-FAD-IST-A, dtd 3 May 2004, subject: Ammunition Amnesty Procedures.

## **APPENDIX A**

### **Basic Requirement for Operating a Small Arms RaJONnge**

#### **A-1. Officer in Charge/Range Safety Officer (OIC/RSO) Requirements:**

- a. The OIC/RSO will meet the grade requirements as outlined in DA PAM 385-63 and paragraph 1-8 of this regulation.
- b. The OIC and RSO will wear a white band on headgear for identification.
- c. The OIC and RSO will be present on the range during firing and have no other duties.
- d. The OIC and RSO may be relieved by other certified persons for the purpose of firing. Range Control must be notified and will verify certification of the replacement personnel.
- e. The OIC and RSO will have read and be familiar with:
  - (1) DA PAM 385-63, Policies and Procedures for Firing Ammunition for Training, Target Practice and Combat.
  - (2) Devens RFTA Regulation 350-2, Training; Ranges, Training Facilities and Training Areas.
  - (3) The TMs and FMs for the weapons systems being fired.
- f. The RSO will enforce weapons safety standards as outlined in paragraph 2-23 of this regulation as a minimum and will assign an assistant RSO as needed.
- g. A dud briefing and ammunition amnesty briefing will be given to all personnel on the range, to include late arrivals.

**A-2. Equipment Requirements.** The following must be present on the range before Range Control will grant permission to fire:

- a. A ten pound B-C fire extinguisher.
- b. TMs and FMs for the weapons systems.
- c. Radio communications with Range Control.
- d. Medical support, if required.
- e. Hearing protection for all persons on the range.

**A-3. The Range OIC will:**

- a. Sign for equipment and range at Range Control and read the range packet.
- b. Occupy the range, establish communications with Range Control and request a range inspector.
- c. Brief the RSO/assistant RSO on safety standards to be maintained; give a dud briefing.
- d. After the range inspector is satisfied the range is ready, call Range Control and request a hot time, raise the red flag and begin firing.
- e. Be responsible for the overall safe conduct of training and proper use of facilities.
- f. Be present when individuals on range are firing.
- g. Be of the required rank and certified for the weapon system being fired as referenced in Chapter 1-3g of this regulation.
- h. Appoint an RSO as required.
- i. Determine when it is safe to fire.
- j. Supervise the procedures for misfires, hang fires and cook offs.
- k. Ensure required communications are established and maintained with Range Control.
- l. Prior to firing, the Range OIC will ensure that (See Appendix A):
  - (1) The correct range or firing position is occupied.
  - (2) The impact area/surface danger zone (SDZ) is clear of personnel and, if required, see that measures are taken to deny entry.
  - (3) Communications with Range Control are established and operative.
  - (4) Only authorized ammunition, charges and fuses are used.
  - (5) Ammunition to be fired is within prescribed temperature limits (keep it in the shade).
  - (6) All firing precautions, including bore sighting, have been taken.
  - (7) CLEARANCE TO FIRE HAS BEEN GIVEN BY RANGE CONTROL.
- m. During firing, the OIC will ensure that:

- (1) Personnel do not move to or leave the firing line without permission of the OIC or RSO.
- (2) Material is not removed from the firing line without permission of the OIC or RSO.
- (3) The SDZ is monitored to ensure it remains clear.
- (4) Impacts are observed to ensure projectiles impact within the prescribed impact areas.
- (5) Misfires are removed from the weapon only on command of the OIC in accordance with procedures established for the weapon.
- (6) Weapons are cleared and checked during temporary suspensions of firing.  
DO NOT USE SECTIONED CLEANING RODS TO CLEAR WEAPONS. Clearing rods are the responsibility of the user unit.
- (7) Records are maintained on the type of ammunition fired, number of rounds fired, number of duds and their approximate location.
- (8) Firing is stopped promptly when any unsafe act is observed.

n. After firing, the OIC will ensure that:

- (1) All weapons are cleared.
- (2) The number of duds and approximate location are reported to Range Control (explosive projectiles only, including pyrotechnics).
- (3) Firing status of range is properly designated by flags or lights.
- (4) Area is properly policed.

**A-4. The Range Safety Officer will:** Be responsible for the final determination before firing, ensuring that:

- a. Weapons are properly positioned.
- b. Only authorized ammunition, to include proper charge, fuse and fuse settings is used.
- c. Firing settings and weapons are within prescribed safety limits and verified.
- d. Appropriate safety measures are taken and the SDZ is clear of personnel. (This includes closing of barriers, denying entry into the impact area and posting road guards, if required.)
- e. Proper hearing protection is worn by all personnel on the range, and helmets and eye protection will be worn IAW DA PAM 385-63, para 6-1.

- f. Order an immediate cease-fire or check-fire when any unsafe condition is observed.
- g. On completion of firing, verify weapons are clear to the OIC and record duds and their approximate location

**A-5. Range Inspectors will:**

- a. Make periodic safety checks and correct deficiencies if necessary.
- b. Issue targets and equipment from range sheds. Sheds will not be left open for units.
- c. Give a safety briefing to the OIC/RSO and instruct tower operators in the use of electrical targetry.
- d. Notify Range Control when the range is cleared to go hot. The OIC must call Range Control for a hot time.
- e. Inspect the range for clearance by the unit.

**A-6. Unit Natural Resource Manager will:**

Ensure live vegetation will not be cut for any reason unless marked for removal.



## APPENDIX B

### Ranges, Facilities, and Training Areas

#### B-1. Ranges, Training Facilities and Training Areas.

RANGE	PRIMARY USE	TARGETRY	FIRING POINTS
ALFA	Pistol, SMG, Shotgun	Paper, E-type Silhouettes	20
BRAVO	Combat Pistol Qual	Air powered pop-up	8
CHARLIE I	Pistol, Shotgun	Paper, E-type Silhouettes	15
CHARLIE II	10 meter MG Qual	M60 MG targets	6
DELTA	Anti-tank, Mk 19	Vehicles, paper pistol	3
	60mm mortar , M203GL,pistol	Pistol targets	15
ECHO	M16 ARF/NBC/Nightfire	Air powered pop-up	16
GOLF	KD Qualification	Paper	40
GOLF 1	KD Qualification	Paper	15
GOLF	M203TP Qual	M203 per TC 25-8	4
ALFA	Multipurpose	Pistol / Zero / Alt C	
	IAD, M16 Zero, Pistol	Paper E-type silhouettes	25
HOTEL	M60/SAW Transition	ERETS	4
	Fire, Sniper		
KILO	M16 25 Meter Zero	Paper Pistol / Zero / Alt C	35
	Alternate Course C		
OSCAR	60mm/81mm Mortar	Vehicles	4
PAPA	Pistol, Shotgun, SMG	Paper 9mm	15
PAPA	Pistol, Shotgun, SMG	Paper 9mm	15
ALFA			
CURRY	Sniper Qualification	Steel Silhouettes	active
TANGO	25 Meter Zero/Alt	Paper Pistol / Zero / Alt C	23
	Course C, FBI		
UNIFORM I	25 Meter Zero/Alt	Paper Pistol / Zero / Alt C	50
	Course C		
UNIFORM II	25 Meter Zero/Alt	Paper Pistol / Zero / Alt C	50
	Course C		
VICTOR	M16 ARF/NBC/Nightfire	Air powered pop-up	16
X-RAY I	25 Meter Zero/Alt	Paper Pistol / Zero / Alt C	50
	Course C		
X-RAY II	25 Meter Zero/Alt	Paper Pistol / Zero / Alt C	50
	Course C		
YANKEE	25 Meter Zero/Alt	Paper Pistol / Zero / Alt C	28
	Course C		
ZULU I	Demolition	Requires RC and DPW-ED approval	N/A
ZULU II	Hand Grenades	N/A	2

**B-2. Training Facilities.**

FACILITY (SCHEDULE AS)

SCHEDULING INFORMATION

Basic Compass Course (Fac 1)	Located in TA 8, 9A, 9B. Requires co-use agreement with other units in areas. Meets EFMB standards.
Basic Compass Course (Fac 2)	Located in TA 7A, 7B, 7C. Requires co-use agreement with other units in areas.
Vehicle Recovery Course (Fac3)	Located off Shirley Road in TA 6A
Leadership Reaction Course (Fac 4)	Co-located with Fac 5 on Trainfire Road. does not include Fac 5 or 3, or require a co-use agreement.
Confidence Course (Fac 5)	Trainfire Road at BT 825065. Does not include Fac 3 or 4, or require a co-use agreement.
Rappel Tower (Fac 6)	Co-located with Fac 5 on TrainFire Road. Does not include Fac 5 or 4, or require a co-use agreement.
NBC Chamber (Fac 7)	Located in TA 14A. Does not include use of Fac 7. Requires co-use agreement w/unit TA 14A.
Medical Litter Obstacle Course (Fac 8)	MEDEVAC LZ, co-located with and is requested separately.
Observed Fire Trainer (Fac 11)	Located on South Post. Scheduled through TSC and Range Control.
POL Refueling Points (POL 9A, 10B, 14A)	Located in TA 9A, 10B, 14A. Requires co-use agreement w/unit owning training area. Is requested separately.
Turner DZ	May be used for air ops during mortar fire, but aircraft must stay west of Shirley Road. No tracked vehicles allowed.
Site 9A ROWPU	Located in TA 9A.

Site 10A  
POLEX

Located in TA 10A.

**B-3. Training Area Data.**

ALL COORDINATES USE 1927 NORTH AMERICAN DATUM

a. Area Number: 6 (subdivided into 6A, B, C, D, E)

- (1) Coordinate: BT 810064
- (2) Acreage: 400
- (3) Capacity: Company
- (4) Usage: Tactical - Tracked vehicles authorized.  
6E is admin only; no pyrotechnics, blank firing or prolonged generator/engine running.
- (5) Boundaries: North - Shoefelt Road  
South - Reservation boundary  
East - Harvard Road  
West - Lancaster Road, Shirley

b. Area Number: 7 (subdivided into 7A, B & C)

- (1) Coordinate: BT 800070
- (2) Acreage: 610
- (3) Capacity: Company
- (4) Usage: Tactical - Tracked vehicles authorized.  
Advanced Land Navigation Course.
- (5) Boundaries: North - Tree line south of Shoefelt Road.  
(Does not include any portion of Turner DZ.)  
South - Reservation boundary  
East - Lancaster Road, Shirley  
West - Reservation boundary

c. Area Number: 8 (subdivided into 8A & B)

- (1) Coordinate: BT 805086

- (2) Acreage: 125
- (3) Capacity: Company
- (4) Usage: Tactical
- (5) Boundaries: North - Bivouac Road  
South - Tree line along northern edge of  
Turner DZ. Does not include any portion of  
Turner DZ  
East - Lancaster Road, Shirley  
West - Bivouac Road

(8B is the area south of trail running east/west from BT 799085 to BT 809082 to edge of wood line north of the Turner DZ.)

d. Area Number: 9 (subdivided into 9A, B, C)

- (1) Coordinate: BT 800090
- (2) Acreage: 590
- (3) Capacity: Company
- (4) Usage: Tactical
- (5) Boundaries: North - Reservation boundary  
South - Bivouac Road  
East - Lancaster Road, Shirley  
West - Reservation boundary

e. Area Number: 10 (subdivided into 10A, B)

- (1) Coordinate: BT 813085
- (2) Acreage: 255
- (3) Capacity: Company
- (4) Usage: Tactical (10A contains hospital site)
- (5) Boundaries: North - Combat Road  
South - Shoefelt Road  
East - Firebreak Road  
West - Lancaster Road, Shirley

f. Area Number: 12 (subdivided into 12A, B, C)

- (1) Coordinate: BT 816100
- (2) Acreage: 90
- (3) Capacity: Company
- (4) Usage: Tactical
- (5) Boundaries: North - Reservation boundary  
South - Turnpike Road  
East - Attu Road  
West - Reservation boundary (Curlian Cemetery is OFF LIMITS)

g. Area Number: 13 (subdivided into 13A, B, C)

- (1) Coordinate: BT 835091
- (2) Acreage: 145
- (3) Capacity: Company
- (4) Usage: Tactical
- (5) Boundaries: North - Reservation boundary  
South - Reservation boundary  
East - Nashua River  
West - Jackson and Dixie Roads

h. Area Number: 14 (subdivided into 14A, B)

- (1) Coordinate: BT 826097
- (2) Acreage: 160
- (3) Capacity: Company
- (4) Usage: Tactical
- (5) Boundaries: North - Reservation boundary  
South - Turnpike Road  
East - Jackson Road  
West - Attu Road

i. Area Number: 15 (subdivided into 15A, B)

(1) Coordinate:	BT 815095
(2) Acreage:	160
(3) Capacity:	Company
(4) Usage:	Tactical
(5) Boundaries:	North - Turnpike Road South - Combat Road East - Firebreak Road West - Lancaster Road, Shirley

**B-4. Conflict/Denial List.**

**HOT RANGE**

ALFA  
BRAVO  
CHARLIE I/II  
CURRY  
CURRY (downrange)  
DELTA (mortars)  
DELTA (AT weapons)  
DELTA (MK19 40mm Machine Gun)  
  
DELTA (all weapons)  
DELTA (pistol)  
ECHO  
  
EOD  
  
GOLF  
GOLF ALFA  
  
HOTEL (machine guns)  
KILO  
OSCAR  
PAPA  
TANGO  
UNIFORM I  
UNIFORM II  
VICTOR

**DENIES**

none  
none  
none  
HOTEL, if firing machine guns  
V, XI/II, Y  
EOD, ZI/II, Firebreak Road, all aircraft  
EOD, ECHO lanes 1-5, TA 10b  
EOD, TA 10B, Firebreak Road,  
ECHO lane 1  
downrange ECHO beyond the firing line  
all other DELTA  
EOD, ZI/II, Firebreak Road, lanes 1-5  
deny DELTA forward berm  
DELTA, ECHO, OSCAR  
DELTA if downrange beyond firing line  
IAD on GOLF ALFA  
IAD deny GOLF, downrange HOTEL  
ZULU, EOD  
CURRY, EOD, ZI/II, Firebreak Road  
ECHO downrange maintenance  
all aircraft, EOD, ZI/II, TANGO  
ECHO downrange maintenance  
OSCAR  
none  
downrange VICTOR  
downrange CURRY, downrange X-RAY I,  
downrange UNIFORM II

**HOT RANGE**

X-RAY I

XRAY II

YANKEE

ZULU I

ZULU II

TA 10B

**DENIES**

downrange CURRY, downrange VICTOR,  
downrange X-RAY II

downrange CURRY, downrange X-RAY I,  
downrange YANKEE

downrange CURRY, use of the ROTC  
training site on the former infiltration  
course, downrange X-RAY II

ZULU II, HOTEL, VICTOR, OSCAR,  
DELTA mortars, ECHO

ZULU I, HOTEL, VICTOR, OSCAR,  
DELTA mortars, ECHO

DELTA MK19 40mm Machine Gun

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## **APPENDIX C**

### **Range and Training Facility Data Sheets**

#### **C-1. ALFA Range**

- a. Location: BT83650820 - Entrance is off Dixie Road at water point across from ECHO Range.
- b. Description: Multi-purpose pistol, SMG, shotgun, law enforcement weapons qualification.
- c. Ammunition Authorized: All handgun ammunition, rifles not over 5.56mm, all shotguns except riot agents.
- d. Targets: Paper only, no hard targets. Non-military may use Range Control target frames, but must provide their own targets. Nothing thrown in the air or lying on the ground will be shot.
- e. Facilities: Target sheds, latrine, ammo table, tower.
- f. Equipment Required: Ten pound B-C fire extinguisher, FMs and TMs for the weapons, DA PAM 385-63, range packet from Range Control, scorecards, PPE as required by DA PAM 385-63 para 6-1 b, c.
- g. Range Flagpole: At range entrance by water point.
- h. Communications: FM radio, 38.85.
- i. Firing Line: 20 points at distances from 5 to 35 meters.
- j. Restrictions: Due to possibility of ricochets leaving the range floor, strict adherence to the ammo authorized is required. All targets must be properly frame mounted. Parking is very limited. Excess vehicles may park in the Observed Fire Trainer (OFT) parking lot across Dixie Road from entrance. Do not block the water point.

#### **C-2. BRAVO Range**

- a. Location: Dixie Road at BT83370879.
- b. Description: Combat pistol qualification and Military Police Firing Qualification Course.
- c. Ammunition Authorized: Handguns up to 9mm.
- d. Targets: Air powered pop-up, computer scored.

- e. Facilities: Latrine and bleachers, ammo table, emergency lighting, tower, public address system.
- f. Equipment Required: Ten pound B-C fire extinguisher, FMs and TMs for the weapons, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 6-1 b, c.
- g. Range Flagpole: Center rear of range.
- h. Communications: FM radio 38.85.
- i. Firing Line: 8 firing points.
- j. Restrictions: Pistol only. All vehicles will park across Dixie Road. Communications vehicle may park by tower.
- k. Remarks: May be used for night fire. Targets have muzzle flash devices.

### **C-3. CHARLIE I Range**

- a. Location: Off Dixie Road at BT83670804.
- b. Description: Alternate pistol qualification, shotgun, and law enforcement.
- c. Ammunition Authorized: Handguns up to .45 caliber, all shotguns except riot agents.
- d. Targets: Paper only, no hard targets. Non-military may use Range Control frames, but must provide own targets. Nothing will be thrown in the air to shoot at.
- e. Facilities: Target shed, bleachers, ammo table, tower, latrines.
- f. Equipment Required: Ten pound B-C fire extinguisher, FMs and TMs for the weapons, scorecards, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 6-1 b, c.
- g. Range Flagpole : At range entrance.
- h. Communications: FM radio 38.85.
- i. Firing Line: 15 firing points at distances from 3 to 35 meters.
- j. Restrictions: No vehicles on the range floor. Communications vehicle may park by tower, all others to the left rear of range. All targets must be properly frame mounted. No shooting at anything lying on the ground.

#### **C-4. CHARLIE II Range**

- a. Location: Off Dixie Road at BT83670809 between CHARLIE I and ALFA Ranges.
- b. Description: SAW/M60/M240 machine gun 10-meter qualification.
- c. Ammunition Authorized: 5.56 ball and 7.62 ball only.
- d. Targets: 10 meter machine gun qualification.
- e. Facilities: Tower, ammo table and latrines, target storage shed.
- f. Equipment Required: Ten pound B-C fire extinguisher, FMs and TMs for weapons, DA PAM 385-63, range packet from Range Control, scorecards, PPE as required by DA PAM 385-63 para 6-1 b, c.
- g. Range Flagpole: At entrance to CHARLIE I Range by Dixie Road.
- h. Communications: FM radio 38.85.
- i. Firing Line: 6 firing points on 10 meter raised firing line.
- j. Restrictions: Communications vehicle may park by tower, all others park to the left rear of CHARLIE I Range.

#### **C-5. CURRY Range**

- a. Location: Knoll at BT81870653.
- b. Description: Special Operations Target Interdiction (SOTI) training facility. THIS RANGE OPERATES UNDER A SAFETY WAIVER, therefore, it is open only to qualified snipers, training of sniper candidates, law enforcement SWAT shooters and advanced marksmanship teams.
- c. Ammunition Authorized: 9mm ball, .45 cal ball, 5.56/7.62 ball, M80/M118/M852 national match, .30 cal ball. Tracer with Range Control daily authorization only.
- d. Known Distance: Five lanes with firing points at 100, 200, 300, 400, 500, 600, 700 and 830 meters.
- e. Field Fire: 100 through 830 meters. Five open positions in front of the porch, three positions on the porch.
- f. Moving Targets Trench: The KD target butts are used as a moving target trench. Three firing positions at 100, 200, 300, 400, 500, 600 meters.

g. Urban Obstacle Firing Positions: All positions are around the range maintenance building. Positions are a rock pile, roof of the maintenance building, wall/window, storage shed roof, tree platforms, two permanent hide sites in front of the building.

h. Stalk Range: One 800 meter oblique stalk, one 600 meter head-on stalk with observation tower.

i. Targets: Standard KD paper targets, M16 zero targets, steel silhouettes.

j. Facilities: Maintenance/storage building (not for unit use), portable latrine, target storage van.

k. Communications: FM radio 38.85. Loss of communications with Range Control will necessitate a cease-fire. Radio communication with the target pits requires use of a unit frequency.

l. Range Flags: Flagpoles are at the range entrance, mid-range and downrange along Harvard Road.

m. Range Gates: Located at BT81770697 (impact area gate 8), BT81960644 (CURRY Gate 1), BT81660666 (CURRY Gate 2), BT82480725 (CURRY Gate 3).

n. Road Guard Requirements: None

o. Restrictions and Limitations:

(1) The KD range, the stalk range and the stalk observation tower will not be used when the following ranges are firing:

(a) VICTOR Range

(b) X-RAY I Range

(c) X-RAY II Range

(d) YANKEE Range

(2) Status of these ranges will be verified with Range Control before anyone is allowed downrange. A checkfire of any of these ranges will be requested through Range Control, if necessary to go downrange.

(3) All the above listed gates will be closed and locked before firing and the OIC will verify that no one is downrange prior to requesting a hot status from Range Control.

(a) EXCEPTION: When firing the KD range, CURRY Gate 1 may be left open.

(b) When firing from the range house area, all gates will be secured.

(4) Firing will be at a slow controlled rate.

(5) NO AUTOMATIC FIRE OR MACHINE GUNS.

(6) Weapons will be fired from the prone supported/unsupported kneeling, sitting, standing, benchrest or sandbag positions.

p. Safety:

(1) The coach/student method will be used with a maximum ratio of 1:5 when using the KD range or firing from the baseline. All other firing will use a spotter/observer with each shooter.

(2) The standing (off-hand) position will be controlled on a 1:3 instructor student ratio. The instructor will not allow the student to place his finger in the trigger guard or on the trigger until the shooter is in position, the weapon on target and the shooter has good control of the weapon. The weapon will be loaded one round at a time for off-hand (standing) position shooting.

(3) Using the tree-mounted firing positions:

(a) THERE WILL BE NO RAPPELLING FROM THE TREE.

(b) The five platforms are the only authorized shooting positions. The weapon will be clear when moving between positions.

(4) All personnel will use hearing protection. When shooting from the porch, personnel should wear both earplugs and aural muffs, due to the sound being confined and magnified by the roof.

(5) Communications will be maintained at all times between the target pits and the firing line. The OIC will call a cease-fire if communications are lost. All pit personnel will wear helmets.

(6) Stalk lane tower personnel will wear Kevlar helmets and flak vests at all times and maintain communications with Range Control and the lane walker.

(7) There will be a four-wheel drive vehicle on-site for medical evacuation.

(8) Range flags will be up at the 100, 500 and 700 meter flagpoles when firing on the range floor (KD, Snaps and Movers, Field Firing).

(a) When firing from the area of the building, the 100-meter flag and the flag at CURRY Gate 1 must be up.

(b) At night, chemical lights or flashing red lights will be used in place of flags. In addition, all gates will be marked with chemical lights.

(9) All persons firing will identify the left and right limit markers. Under no circumstances will rounds be fired that may go outside the markers. Every precaution will be taken to ensure that no rounds go over the hill mass behind the KD pits.

q. Remarks: All requests for this range will clearly state the type of training, type of weapons and ammunition, number of weapons, quantities of ammunition and number of personnel. All sniper training will be conducted under the supervision of a qualified CAT I or CAT II sniper instructor. Marksmanship and SWAT training will be under the supervision of appropriately qualified and certified instructors. Training will be IAW standard programs of instruction, FMs, civilian publications and police manuals, Devens RFTA Reg 350-2, DA PAM 385-63 and the FORSCOM waiver on this range.

#### **C-6. DELTA Range (Anti-Tank Weapons)**

- a. Location: Off Dixie Road at BT83510794.
- b. Description: Anti-tank weapons to include LAW, SMAW, AT-4, 90mm recoilless rifle.
- c. Ammunition Authorized: 66mm HEAT, 35mm LAW sub-cal, SMAW 83mm HE, practice and spotter cartridges. AT-4 HEAT and 9mm practice cartridges. 90mm HEAT and TP.
- d. Targets: Vehicles, water tanks located at various ranges out to 1300 meters.
- e. Facilities: Latrine, bleachers, ammo shed.
- f. Range Flagpole: At entrance to range.
- g. Communications: FM radio 38.85.
- h. Road Guard Requirement: One posted in a position that is safe from backblast and keeps others from entering the backblast area. Range Gate 3 (north end of Firebreak Road), 5 (south end of Firebreak Road), 6 (Shoefelt and Ponakin intersection) and 7 (south end of Harvard Road close to old water point) will be locked prior to firing AT-4 or 90mm recoilless rifle. Guards not required.
- i. Equipment Required: PPE as required by DA PAM 385-63 Para 8-1, (5), ten pound B-C fire extinguisher.

j. Publications Required: Range packet issued by Range Control, TM 9-1315-886-12 (AT-4 Operators Manual), USMC TM 08673A-10/1 (SMAW Operators TM), DA PAM 385-63.

k. Restrictions: Backblast area will remain free of equipment and personnel at all times. Training Area 10B and EOD range may not be occupied when firing the AT-4 or 90mm recoilless rifle. FORWARD OF THE FIRING LINE IS OFF LIMITS TO ALL PERSONNEL. RIFLE PROJECTILE GRENADE WILL NOT BE FIRED.

l. Remarks:

(1) All dud locations will be plotted accurately and reported to Range Control.

(2) Maximum range of the AT-4 and 90mm is 2100 meters. Extreme caution is required not to put rounds over the ridge line. These rounds may exit the impact area at approximately 1600 meters.

(3) Thermal radiant energy from the AT-4 backblast requires helmets, collars turned up and sleeves rolled down for persons on the firing line.

(4) Firers will wear protective masks when temperature is below freezing.

**C-7. DELTA Range (40mm Grenade Launcher M203/M79)**

a. Location: Off Dixie Road at BT83510794.

b. Description: Introductory firing of M203/M79 grenade launchers. This is not a qualification range. This is the only range authorized for firing 40mm high explosive rounds.

c. Ammunition Authorized: All M203/M79 rounds with the exception of gas/riot control agents and Target Practice (TP) which are fired on Range GA M203.

d. Targets: Hard targets.

e. Facilities: Latrine, bleachers, ammo shed.

f. Range Flagpole: At range entrance off Dixie Road.

g. Communications: FM radio 38.85.

h. Firing Line: Raised firing line not laid out per TC 25-8.

i. Restrictions: Firing any smoke, flares, or star clusters requires daily approval from Range Control. FORWARD OF THE FIRING LINE IS OFF LIMITS TO ALL PERSONS.

j. Equipment Required: Ten pound B-C fire extinguisher, PPE as required by DA PAM 385-63 para., 7-2b.(3), radio, FM 23-31, TM 9-1010-221-10, DA PAM 385-63, range packet from Range Control.

k. Remarks:

(1) All duds will be accurately plotted and reported to Range Control. All misfires will be returned to the ASP.

(2) No HE rounds will be fired to impact closer than 165 meters.

#### **C-8. DELTA Range (MK 19 40mm Grenade Machine Gun)**

a. Location: Off Dixie Road at BT83510794.

b. Description: Introductory firing of the MK 19 40mm Machine Gun. Firing line is raised for tripod mounted, evenly spaced weapons. Wheeled vehicles may fire mounted weapons. Vehicles must be parked side-by-side, facing downrange. Weapons must be evenly spaced, based on the middle tripod or vehicle mounted weapon (base gun). A maximum of three weapons may fire at one time, due to the limited impact area.

c. Ammunition Authorized: M385A1/M385E4 TP, M918 TP, M430 HEDP, M383 HE.

d. Targets: Hard targets. Engage at a minimum of 300 meters and a maximum of 1300 meters.

e. Facilities: Latrine, bleachers and ammo table.

f. Range Flagpole: At range entrance off Dixie Road.

g. Communications: FM radio 38.85.

h. Equipment Required: Ten pound B-C fire extinguisher, radio, cleaning rod and round removal tool P/N 12926849, TM 9-1010-230-23&P, TM 9-1010-230-10, FM 23-27, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 7-2 c.

i. Restrictions: FIRING FREE GUN IS NOT AUTHORIZED. No tracked vehicles will use the range. No target engagements beyond 1300 meters. Overhead firing is not authorized. The use of more than one firing line at a time is not authorized.

j. Remarks:

(1) Maximum range is over 2200 meters, strict precautions will be taken to ensure no rounds go over the ridge line downrange. If any rounds do go over the ridge line, call an immediate cease-fire and notify Range Control. Rounds may exit the impact area at approximately 1600 meters.



(2) Dud rounds, to include TP with a bursting charge, will be accurately plotted and reported to Range Control. Misfires will be returned to the ASP. Follow peacetime and training misfire procedures contained in TM 9-1010-230-10.

(3) Training Area 10B may not be occupied when firing the MK 19. Safety gates 3 and 5 on the north and south ends of Firebreak Road, gate 6 at the Shoefelt and Ponakin Road and gate 7 at the intersection of Harvard and Ponakin Road must be locked. A road guard is required at the range entrance by the flagpole.

(4) ALL PERSONNEL IN CLOSE PROXIMITY TO THE WEAPON WILL ADHERE TO THE PPE REQUIREMENTS IN DA PAM 385-63 PARA 7-2 C.

### **C-9. DELTA Range (M224 60mm Mortar, M252/M29 81mm Mortar)**

- a. Location: Off Dixie Road at BT83510794.
- b. Description: Direct lay of M252/M29 81mm Mortar as well as direct lay and hand-held M224 60mm Mortar fire. Firing line is raised, fire allowed from up to 3 evenly spaced, bi-pod mounted or hand-held mortar systems. The impact area is extremely small and small errors in gunnery can be very dangerous. It is very important that direction limits and range limits be strictly adhered to.
- c. Ammunition Authorized: HE, WP, illumination.
- d. Ammunition Handling: Break down only the amount of ammunition needed to prevent problems with returning it to the ASP. All ammunition will be handled IAW DA PAM 385-64.
- e. Firing Positions: 3
- f. R-4102 Restricted Airspace: The airspace must be activated with the Federal Aviation Administration (FAA). Mortars cannot fire unless R4102A/B are activated.

Range Control will not accept requests for mortar fire less than 14 working days prior. Airspace is controlled as follows:

(1) R-4102A is from surface to 1999 feet above mean sea level (MSL). R-4102B is from 2000 feet to 3995 feet above MSL. Both must be activated for any projectile with a maximum ordinate of 45 meters or more.

(2) Commercial and civilian air traffic will be routed 1000 feet above the activated airspace.

(3) The maximum ordinate above rounds fired will not exceed 3995 feet above MSL.

**NOTE: THIS ALLOWS FIRE ONLY TO A MAXIMUM ORDINATE OF 3740 FEET BECAUSE OF THE RANGE ALTITUDE.**

(4) Minimum cloud bottom altitude must be 5000 feet above MSL. If the cloud bottom is less, firing will not take place until the clouds lift. Mortar projectiles will not enter the clouds.

(5) R-4102 covers all of South Post, to include the Oxbow Wildlife Refuge. All civilian aircraft are denied use of the airspace when mortar fire is scheduled. Military helicopters may have limited use of airspace - ONLY WITH PRIOR COORDINATION WITH RANGE CONTROL AND ONLY WEST OF SHIRLEY ROAD.

(6) Range Control must notify the FAA one hour prior to the first round downrange. A voluntary checkfire of one hour or longer requires that the airspace be returned to the FAA. The airspace cannot be reactivated that day.

(7) An air observer will be posted to watch for aircraft. If aircraft is observed in the airspace, cease-fire immediately and notify Range Control. Private civilian aircraft and pilots may not heed posted Notice to Airman (NOTAM). If possible, record registration number from plane fuselage and report it to Range Control.

g. Required Publications: As a minimum, copies of the following must be available on the range:

(1) DA PAM 385-63, Range Safety.

(2) FM 23-90, Mortars.

(3) FM 23-91, Mortar Gunnery.

(4) Firing Tables FT 60-P-1, Firing Tables FT 81-A1-3.

(5) TM 9-1010-233-10.

(6) DA PAM 385-64, Ammunition and Explosives Safety Standards.

(7) Devens RFTA Regulation 350-2, Training: Ranges, Training Facilities and Training Areas.

h. Minimum Equipment Required:

(1) Ten pound B/C fire extinguisher.

(2) Radios.

(3) Map of range and impact area.

- (4) Mortar safety card.
- (5) Firing tables (tabular).
- (6) M45 boresight.
- (7) Ammunition repack cards (if used).

i. Misfires:

(1) Actions outlined in DA PAM 385-63, FM 23-90 and TM 9-1010-233-10 must be followed. Misfires will be inspected for damage after removal from the cannon. If the round appears serviceable and the primer is not dented, attempt to fire it again. If it does not fire a second time, replace the safety wire and place the round in the misfire pit. If the primer is dented, replace the safety wire and immediately place the round in the misfire pit. **DO NOT ATTEMPT TO RE-FIRE ANY ROUND THAT APPEARS DAMAGED OR HAS A DENTED PRIMER.** Misfires will be re-packed and returned to the ASP without increments attached.

(2) Explosive Ordnance Disposal (EOD) will be notified if there is a round lodged in the cannon that cannot be removed by prescribed methods. All EOD support comes from 760<sup>th</sup> ORD, Fort Dix, New Jersey.

j. Short Rounds: If a short round occurs, firing will cease immediately and Range Control will be notified. Firing will not resume until the cause is determined and corrected. **IF A DUD SHORT ROUND IS IN CLOSE PROXIMTY TO THE RANGE, DO NOT GO FORWARD OF THE FIRING LINE TO LOOK FOR IT.**

k. Duds: Using the firing data, plot the probable point of impact. If the location or cause cannot be determined, notify Range Control immediately.

l. Burning Increments: All munitions will be a minimum of 100 meters from the burn site. **DO NOT INHALE FUMES OR ASH, OR ALLOW THEM TO COME IN CONTACT WITH EXPOSED SKIN. DO NOT LOOK DIRECTLY AT THE BURNING INCREMENTS.** Burn no more than 50 increments at one time.

m. Ammunition Accountability: Provide Range Control will be provided with a copy of DA Form 581 (Ammunition Issue) when the OIC signs for the range. To clear the range, the OIC will give Range Control an Ammunition Consumption Certificate, an increment burn count and the location of any duds.

n. OIC Responsibilities: In addition to the responsibilities outlined elsewhere in the regulation, ensure all mortar equipment is functioning properly, and establish and maintain radio communication with Range Control. Call an immediate cease-fire if communication is lost.

o. RSO Responsibilities:

(1) Check all rounds for the proper number of increments. The maximum charge is charge 2; the minimum charge is charge 1.

(2) Record accurate count of increments prior to burning. Ensure proper and safe burning.

(3) Ensure cannons are always aligned within the safety fan and that elevation is within the safety limits (see Survey and Safety Data in item q).

(4) Ensure that all guns are boresighted; all gunners and assistant gunners know the left and right boundaries and the minimum and maximum ranges and elevations. The first round(s) should be fired center of sector to settle the baseplate or assault plate.

p. Actions Before Firing:

(1) Verify that the safety card applies to the exercise.

(2) Verify that the firing position is the same as shown on the safety card.

(3) Verify the lay of the guns.

(4) Verify the left and right limits, data for minimum and maximum elevation (range).

(5) Inform all personnel of the left and right limits, the minimum and maximum ranges and the minimum and maximum charges.

(6) Check overhead clearance and mask. Make safety checks on all gun systems and ensure sights are properly seated.

(7) Protect ammunition from sunlight and/or moisture and ensure that it is stored IAW DA PAM 385-64.

(8) VERIFY THAT THE FIRING TABLES AND AMMUNITION MATCH.

q. Survey and Safety Data:

(1) Location: BT 83510794.

(2) Altitude: 255 feet (78 meters).

(3) Maximum range: 1050 meters. LEFT/RIGHT LIMITS: Marked by red and white limit markers, approximately 100m downrange.

(4) Minimum range: 600 meters.

(5) Maximum charge: 2 (60mm).

(6) Minimum charge: 1(60mm).

(7) Maximum ordinate: 3995 feet above MSL 3740 feet (1140 meters) above the range.

(8) Minimum cloud base altitude: 5000 feet above MSL.

(9) Authorized ammunition: HE M720, fuse, MO M734; HE M49A4, fuse, PD M52; WP M302A1, fuse, PD M527; IL M83A3, fuse, time M65A1.

#### **C-10. DELTA Range (Pistol)**

a. Location: BT 83510794.

b. Description: Pistol, shotgun, SMG, law enforcement weapons qualification.

c. Ammunition authorized: All handgun ammunition, rifles not over 5.56 mm and all shotguns except riot agents.

d. Target Paper: Non-military may use Range Control frames but supply their own targets. Nothing thrown in the air or lying on the ground will be shot.

e. Facilities: Ammo breakdown point, portable latrine.

f. Equipment Required: Ten pound B-C fire extinguisher, FMs and TMs for weapons, DA PAM 385-63, scorecards, PPE as required by DA PAM 385-63 para 6-1, range packet from Range Control.

g. Range Flagpole: At range entrance.

h. Communications: FM radio 38.85.

i. Firing Line: 15 target frames. TARGET FRAMES WILL NOT BE REMOVED OR ADDED WITHOUT PERMISSION FROM RANGE CONTROL. Targets will only be stapled to the backer board, not to the frames.

j. Restrictions: No rifle fire at hard targets in the impact area.

#### **C-11. ECHO Range**

a. Location: Off Dixie Road at BT 83400829.

b. Description: Automated record fire range, sixteen fighting positions/prone supported positions. Targets at 50, 100, 150, 200, 250 and 300 meters.

- c. Ammunition Authorized: 5.56, 5.56 tracer.
- d. Targets: Air powered pop-up, computer scored.
- e. Facilities: Tower with public address system, bleachers, latrine, ammo table. Bivouac is authorized with Range Control approval.
- f. Range Flagpole: Rear of range, beside Dixie Road.
- g. Communications: FM radio 38.85.
- h. Equipment Required: Ten pound B-C fire extinguisher, radio(s), FM 23-9, technical manuals on weapons, safety paddles, range packet issued by Range Control, PPE as required by DA PAM 385-63 para 6-1.
- i. Personnel Requirements: OIC, RSO, one safety NCO per four firing points at minimum, tower operator, radio operator, ammo NCO.
- j. Restrictions:
  - (1) Unit personnel will not touch target machines or wiring.
  - (2) Unit personnel are not to go forward of the firing line.
  - (3) No automatic or burst firing.
  - (4) Lanes 1-5 may not be used if DELTA Range forward berm is occupied. Lane 1 may not be used if DELTA Range is firing the MK19 GL using HE.
  - (5) Pyrotechnics will not be used without permission from Range Control on a daily basis. Tracers may be denied according to the fire index.

#### **C-12. GOLF Range**

- a. Location: Off Dixie Road at BT 83270946.
- b. Description: Known distance range with 38 firing points. Firing lines are located at 100, 200, 300 meters and 100 through 600 yards. Target carriages are the cantilever type.
- c. Ammunition Authorized: 5.56, 7.62, .30 cal ball.
- d. Targets: Army and Marine Corps KD qualification type, NRA competition.
- e. Facilities: Target sheds, portable latrine, cantilevered target carriers.
- f. Range Flagpole: At the right rear of the range.

- g. Communications: FM radio 38.85.
- h. Personnel Requirements: OIC, RSO, Pit NCO, radio operator, firing line safety NCOs.
- i. Equipment Required: Wire or radio communication between firing line and pits, (radio communication will not be on a Range Control frequency), safety paddles, ten pound B-C fire extinguisher, PPE as required by DA PAM 385-63 para 6-1, FM's and TM's for weapons.
- j. Restrictions:
  - (1) Vehicles will not drive on or across firing lines. Communications vehicle, if needed, may park to the rear of the active firing line; ammo and weapons vehicles will remain on the trail to the right or left of the firing lines. All others will park to the rear of the range next to Dixie Road.
  - (2) Pit personnel will wear helmets.
  - (3) No automatic or burst fire.

**C-13. GOLF ALFA Range (GA) Immediate Action Drills (IAD)**

- a. Location: BT 83140950 on the west side of Jackson Road next to GOLF Range.
- b. Description: Multi-purpose use. Field fire machine gun, IAD exercises.
- c. Ammunition Authorized: Handgun, 5.56, 7.62, 40mm TP, shotgun.
- d. Targets: None installed; unit must put in place. Paper targets only or E-type silhouettes. Targets will not be placed on the M203 targets; mount targets on wood stakes. No targets will be mounted on steel pickets.
- e. Facilities: Tower with PA system, portable latrine.
- f. Range Flagpole: At the right rear of the range.
- g. Communications: FM radio 38.85.
- h. Firing Line: There is no established firing line.
- i. Equipment Required: Ten pound B-C fire extinguisher, radio, FM's/TM's on weapon systems, DA PAM 385-63, range packet issued by Range Control, PPE as required by DA PAM 385-63 para 6-1.

j. Restrictions:

(1) Range Gate 1, at the range entrance on Jackson Road and Range Gate 2, west of Hotel Range on Turnpike Road must be closed and locked. Range Gates 3 and 5 on the north and south ends of Firebreak Road will be locked. Road guards are not required.

(2) Downrange HOTEL Range, ZULU Ranges and EOD Range are denied.

(3) All IAD exercises require a written scenario, showing all firing positions and weapons submitted to Range Control for approval.

(4) Use of pyrotechnics requires daily approval from Range Control.

(5) Demolitions and claymore mines not authorized.

k. Remarks: Plastic residue and fuse booster bases of 40mm TP will be policed up and removed.

**C-14. GOLF ALFA Range (GA) 25-Meter M16 and Pistol**

a. Location: Off Jackson Road at BT 83140950.

b. Description: 25-meter M16 zero/qualification, 48 prone firing positions, no foxholes, 12 pistol firing points.

c. Ammunition Authorized: 5.56, 7.62, handgun up to .45 cal.

d. Targets: M16A1/A2 zero and alternate course C targets, pistol targets.

e. Facilities: Target shed, portable latrine.

f. Range Flagpole: Right rear of the range.

g. Communications: FM radio 38.85.

h. Equipment Required: Radio, ten pound B-C fire extinguisher, FMs and TMs for weapons, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 6-1.

i. Restrictions: No automatic or burst fire. Range Gate at left end of berm must be closed and locked.

j. Parking: Vehicles may park on the range, but ruts will be repaired before clearing.



**C-15. GOLF ALFA Range (GA) M203 TP Qualification**

- a. Location: Off Jackson Road at BT 83140950.
- b. Description: M203 TP 40mm qualification range.
- c. Targets: As shown in FM 23-31 and TC 25-8.
- d. Ammunition Authorized: THE ONLY AMMUNITION ALLOWED IS 40mm TP AND ILLUMINATION ROUNDS. NO OTHER 40mm AMMUNITION WILL BE FIRED ON THIS RANGE.
- e. Facilities: Tower.
- f. Firing Line: As shown in FM 23-31 and TC 25-8.
- g. Communications: FM radio 38.85.
- h. Equipment Required: Ten pound B-C fire extinguisher, radio, FM 23-31, TM 9-1010-221-10, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 7-2 b. (3).
- i. Parking: Rear of the range. Ruts will be repaired before clearing.
- j. Restrictions:

(1) Range Gate at left rear of range will be closed or a range guard posted at the gate to prevent personnel entering the downrange area. Range Gate at the GOLF range butts will be closed and locked. ANY UNIT OR PERSONS CAUGHT FIRING UNAUTHORIZED AMMUNITION WILL BE IMMEDIATELY REMOVED FROM THE RANGE AND THE RANGE CLOSED. OIC AND SAFETY OFFICER WILL BE DECERTIFIED. EVIDENCE OF SUCH ACTS FOUND AFTER CLEARING WILL BE GROUNDS FOR DECERTIFICATION.

(2) Firers are required to wear proper eye protection and roll down sleeves when firing TP.

**C-16. HOTEL Range**

- a. Location: BT 82670985.
- b. Description: SAW/M60 Transition Range.
- c. Ammunition Authorized: 5.56/7.62mm.

d. Targets: Enhanced Remote Target System using computer controlled and scored pop-up targets. Four lanes with 14 targets, each from 100 to 800 meters. Four foxhole machine gun positions.

e. Facilities: 50-foot tower with observation platform below the operations room, portable latrine, ammo shed, PA system.

f. Range Flagpole: One at the range entrance and one on the range tower. Two flags are required.

g. Communications: FM radio 38.85. The unit may want to use extra radios on a unit frequency to communicate from the firing line to the OIC in the tower.

h. Equipment Required: See section C-17, paragraph d.

i. Restrictions: No night fire unless using NODS. No chemlights or anything else will be fastened to the targets, day or night. If using NODS, the unit will provide the tower operator with a set for safety. The operator must be able to see that rounds are staying in the target area or the range will not operate. THIS RANGE HAS A SAFETY WAIVER IN EFFECT. The range operating procedures will be followed for machine gun firing in order to comply with the waiver. M60s WILL NOT BE FIRED AT TARGETS CLOSER THAN 400 METERS. NO PYROTECHNICS WITHOUT RANGE CONTROL PERMISSION ON A DAILY BASIS. TRACER MAY

BE DENIED ACCORDING TO FIRE CONDITIONS. NO TARGETS, OTHER THAN WHAT IS INSTALLED, WILL BE PLACED ON THE RANGE.

j. Parking: Parking area is to the rear of the range, across from the maintenance building. The ammo and weapons vehicles may drive up to the vicinity of the ammo table to unload, but will not remain parked there. DO NOT DRIVE VEHICLES UP THE EMBANKMENT TO THE FIRING LINE.

### **C-17. Operating Procedures for HOTEL Range**

a. Purpose: To prescribe the policies and procedures governing the conduct of live fire on the SAW/M60 machine gun transition range.

b. Scope: This applies to all personnel firing on HOTEL Range.

c. Description: This is a four lane, live fire machine gun qualification/transition range. Each lane has 14 computer-controlled target machines with E-type silhouettes located from 100 to 800 meters. All are single targets, except the 800-meter line which has four targets per lane. Due to the lane configuration, targets are alternating colors to ensure lane identification (lane 1 may be black, lane 2 may be white, etc.).

d. Equipment Requirements: Except as indicated, all the following equipment will be supplied by the unit:

- (1) Devens RFTA Reg 350-2.
- (2) Appropriate FMs and TMs for weapons systems and DA PAM 385-63.
- (3) Range flags (Range Control).
- (4) Safety paddles (Range Control).
- (5) Radios.
- (6) Hearing protection.
- (7) Weapon accessories as required by FMs and TMs.
- (8) Ten pound B-C fire extinguisher.
- (9) One clearing rod per lane. Single piece rod per AR 385-63
- (10) Four stakes and wire per weapon (to stake down bipod).
- (11) Range packet issued by Range Control.

e. Personnel Requirements:

- (1) Range Tower Operator (provided by unit).
- (2) OIC.
- (3) Safety Officer.
- (4) Lane Safety Officers (one per lane).
- (5) Unit armorer.
- (6) Ammo NCO and detail.

f. Uniform Requirements: As prescribed by the commander. PPE as required by DA PAM 385-63 para 6-1.

g. Responsibilities:

(1) Range Inspector.

- (a) Ensure the range targetry and computer are operational and running prior to unit arrival.
- (b) Brief tower operator and coordinate with the OIC as to scenarios to be run.
- (c) Ensure that the OIC has briefed all personnel on safety and duties and that all safety requirements are complied with.
- (d) Ensure that proper police and maintenance is performed before releasing the unit.
- (e) Ensure the left and right limit markers are visible and determine if weather conditions permit safe firing. IF THE 800-METER LIMIT MARKERS ARE NOT CLEARLY VISIBLE, FIRING WILL NOT BE PERMITTED.

(2) Range OIC: Specific duties include, but are not limited to:

- (a) Familiar with and responsible for compliance with all applicable FMs and TMs for the weapons systems, course of fire and Devens RFTA Reg 350-2. Ensure all support personnel are familiar with the same.
- (b) Be physically present on the range when firing is being conducted; ensure all support personnel are also present during firing.
- (c) Ensure that safety gates 1, 2, 3, 4, 5, 6, & 7 are locked and verify with Range Control before firing commences.
- (d) Ensure all persons receive a safety and dud briefing, to include latecomers.
- (e) Establish and maintain communications with Range Control. Call an immediate cease-fire if communication is lost.
- (f) Ensure that downrange is clear of personnel and vehicles before firing. Turnpike Road runs through the range at the 400-meter line and a road through the impact area accesses the range at the 800-meter line. Maintain constant surveillance downrange.
- (g) Cease-fire for aircraft downrange and notify Range Control.
- (h) Report to Range Control any accidents or malfunctions involving weapons or ammunition immediately when they occur. In the event of an accident or injury involving a weapon or ammunition, the scene will be preserved "as is" until investigation by the appropriate personnel. Treatment and/or evacuation of injured personnel will always have first priority.

(3) Range Safety Officer: Specific duties include, but are not limited to:

(a) Responsible for being familiar and complying with Devens RFTA Reg 350-2, FMs and TMs for the weapons systems and course of fire.

(b) Be physically present on the firing line during firing and ensure all safety personnel are present.

(c) Maintain constant downrange surveillance for persons, vehicles, or aircraft. Issue an immediate cease-fire, if necessary.

(d) Ensure that each lane safety NCO has a clear line of sight to all targets in his lane and the range limit markers.

(e) Ensure that gunners do not fire at any target not in their lane.

(f) Verify that lanes are safe to fire prior to firing and safe after a cease-fire or check-fire is given.

(g) Maintain communications with the OIC and lane safety NCOs.

(h) Ensure that all M60 bipods are staked down and there are four inches of sandbags under the butt of the weapon. Ensure that no weapon can be fired at an elevation in excess of 51 mils.

(i) Ensure that no weapon is handled in such a manner that a round may be fired outside the range limits or over the hill behind the 800-meter line.

(j) Ensure that all weapons are rodded and cleared before removal from the firing line.

(k) Ensure that all misfires, jammed weapons, or runaway weapons are handled safely and IAW the appropriate manuals.

(l) Ensure that the range flags are raised during the day. If firing at night, the range limit markers will be marked with flashing red lights issued by Range Control or unit supplied red chemical lights. Ensure all NODS are operational and a set is supplied to the range operator in the tower.

(m) Call an immediate cease-fire if the limit markers are not visible.

(n) Ensure that no one goes forward of the firing line when the range is hot or until all weapons are clear.

(o) Ensure that all weapons not on the firing line are on mechanical safe and feedtray covers are open.

(p) Rod all weapons before they leave the line.

(4) Lane Safety NCO: Specific duties include, but are not limited to:

(a) Responsible for being familiar and complying with Devens RFTA Reg 350-2 and appropriate FMs and TMs for the weapons systems.

(b) Ensure that gunners can identify their targets in their lanes and the range limit markers are visible and pointed out to gunners.

(c) Ensure weapons cannot be fired in excess of 51 mils of elevation, that there are four inches of sandbags under the butt of the weapon, that M60 bipods are staked down and weapons are not handled in any manner that may cause a round to be fired outside the assigned lane, the range limits, or over the hill to the rear of the 800-meter line.

(d) Ensure the gunner can hear and understand commands from the tower.

(e) Ensure weapons at the firing point; but not in use, are behind the firing line with feed tray covers open, on mechanical safe and clear.

(f) Rod all weapons and clear them before removal from the firing line. Ensure that weapons are carried at "PORT ARMS," pointed downrange to the center of the firing line where the Range Safety Officer will rod them again before the weapon leaves the firing line.

(g) Ensure all misfires, jams, runaway weapons are handled in a safe manner IAW instructions in the TMs.

(h) Ensure no one goes forward of the firing line when the range is hot or before weapons are cleared.

(5) Ammo NCO: Specific duties include, but are not limited to:

(a) Responsible for being familiar and complying with Devens RFTA Reg 350-2, FMs and TMs for the weapons systems, course of fire and applicable publications governing handling and storage of ammunition.

(b) Ensure the ten pound B-C fire extinguisher is present and filled, and the inspection tag is up-to-date.

(c) Ensure all damaged or misfired ammunition is identified and separated from serviceable ammunition.

(d) Ensure all ammunition and residue is accounted for and returned to the ASP as required. Will safeguard ammunition at all times.

h. General Instructions: The provisions in Devens RFTA Reg 350-2, DA PAM 385-63 and any supplemental instructions from Range Control will govern all firing exercises. In addition:

(1) All persons firing qualification will have zeroed and qualified on the 10-meter range first.

(2) All gun crews will know how to deal with misfires, jams and runaway guns before firing.

(3) Safety precautions and procedures in applicable manuals will be adhered to.

(4) All firing will be within the range limit markers and within the assigned lane.

(5) No rounds will be fired so as to impact short of the minimum range or beyond the maximum range. M60s WILL NOT BE FIRED AT TARGETS CLOSER THAN 400 METERS.

(6) The maintenance building and any other storage container or structure, or supply storage areas are OFF LIMITS to unit personnel.

(7) Range Control is the only authority for a range to go to a hot status. Radio communication will be maintained and constantly monitored by the unit.

(8) Ammunition will not normally be stored on the range overnight. Case-by-case exceptions may be made by Range Control only. Overnight ammunition guards will have radio communications with Range Control.

#### **C-18. KILO Range**

a. Location: BT 83390858 off Dixie Road.

b. Description: 25-meter zero/qualification. Zero range for ECHO Range. There are 35 prone firing positions.

c. Ammunition Authorized: 5.56, 7.62, 9mm.

d. Targets: M16A1/A2 25-meter zero and alternate course C targets.

e. Facilities: Bleachers, target ammo shed, portable latrine, tower.

f. Range Flagpole: Rear of range.

g. Communications: FM radio 38.85.

h. Equipment Required: PPE as required by DA PAM 385-63 para 6-1. Radio, ten pound B-C fire extinguisher, FMs and TMs for weapons, DA PAM 385-63, range packet from Range Control.

- i. Restrictions: No automatic or burst fire.
- j. Parking: Across Dixie Road. Communications vehicle may park on the range.

#### **C-19. OSCAR Range**

- a. Location: BT 83560761.
- b. Description: Mortar firing point for 60mm, 81mm. The impact area is extremely limited and small errors in gunnery can be very dangerous. Training areas and ranges are less than 800 meters beyond the impact area. It is very important that all data be correct.
- c. Facilities: Bleachers, covered ammo breakdown point. No latrine.
- d. Ammunition Authorized: HE, WP, illumination, sabot round.
- e. Ammunition Handling: Break down only the amount of ammo needed in order to prevent problems with returning it to the ASP. Ammunition will be handled IAW DA PAM 385-64.
- f. Firing Positions: Four.
- g. Observation Point (OP): The OP will be located at either DELTA Range at BT8351 0794 or on ECHO Range at BT 83400829.
- h. R-4102 Restricted Airspace: The airspace must be activated with the Federal Aviation Administration (FAA). Mortars cannot fire unless R-4102A/B is activated. Range Control will not accept requests for mortar fire less than 14 working days out. Airspace is controlled as follows:
  - (1) R-4102A is from surface to 1999 feet above mean sea level (MSL). R-4102B is 2000 to 3995 feet. Both must be activated for any projectile with a maximum ordinate of 45 meters or more.

(2) Commercial air traffic will be routed 1000 feet above the activated airspace.

(3) Maximum ordinate of rounds fired will not exceed 3995 feet above MSL.

**NOTE: THIS ALLOWS A MAXIMUM ORDINATE OF 3,740 FEET DUE TO THE ALTITUDE OF THE RANGE.**

(4) Minimum cloud bottom altitude must be 5,000 feet MSL. If the cloud bottom altitude is less, firing will not take place until the clouds lift. Mortar projectiles will not enter clouds.



(5) R-4102 covers all of South Post to include the Oxbow Wildlife Refuge. Aircraft are denied use of the airspace when mortar fire is scheduled.

(6) Range Control must notify the FAA one hour prior to the first round downrange. A check-fire of one hour or more requires the airspace to be returned to the FAA. The airspace cannot be reactivated that day.

(7) An air observer must be posted to watch for stray aircraft. If aircraft are observed in the airspace, cease firing immediately and notify Range Control. Private civilian aircraft may not heed posted Notice to Airmen (NOTAM).

i. Declination Station: Located on Whittemore Hill (Hill 455) at 444 feet, coordinates BT 8122606525. It is a small brass disc set in concrete. See Figure 1 for declination diagram.

j. Required Publications: Appropriate TMs and FMs for the weapons systems must be on the range. Some that are required are:

(1) DA PAM 385-63, Policies and Procedures for Firing Ammunition for Training, Target Practice and Combat.

(2) FM 23-91, Mortar Gunnery.

(3) FM 23-90, 60mm Mortar, Firing Tables 60-P-1, TM 9-1010-223-10.

(4) FM 23-90, 81mm Mortar, Firing Tables 81-A1-3.

(5) FM 23-90, 4.2 inch Mortar, Firing Tables 60-Q-1, TM 9-1015-215-12.

(6) DA PAM 385-64, Ammunition and Explosives Safety Standards.

(7) Devens RFTA Regulation 350-2, Training; Ranges, Training Facilities and Training Areas.

k. Duds: Using the firing data, plot the location where the dud is suspected to have impacted. If the dud cause or location cannot be determined, notify Range Control immediately.

l. Minimum Required Equipment:

(1) Ten pound B-C fire extinguisher.

(2) Radios.

(3) Map of range and impact area.

(4) Mortar safety card.

- (5) Firing Tables (tabular).
- (6) Aiming circle.
- (7) Gunners bore sight device M45.
- (8) Mounting grid azimuth or orienting angle.
- (9) Ammunition repack cards (if used).
- (10) PPE as required by DA PAM 385-63 para 10-1.d.

m. Burning Increments: Burning will only be done in the burn barrel provided. Nothing else will be burned in the barrel. Residue will be properly disposed of. All munitions will be a minimum 100 meters from the burn site. **DO NOT INHALE FUMES OR ASH, OR ALLOW THEM TO COME IN CONTACT WITH EXPOSED SKIN. DO NOT LOOK DIRECTLY AT THE BURNING INCREMENTS.** Burn no more than 50 increments at one time.

n. Misfires:

(1) Actions outlined in DA PAM 385-63, FM 23-90 and FM 23-92 must be followed. Misfires will be placed in a sandbagged pit with safety pins re-inserted. Misfires will be returned to the ASP.

(2) EOD will be notified if there is a round lodged in the tube that cannot be removed by prescribed methods. All EOD support must come from New Jersey.

o. Short Rounds: If a short round occurs, firing will cease immediately and Range Control notified. Firing will not resume until the cause is determined and corrected. **IF A DUD SHORT ROUND IS IN CLOSE PROXIMITY TO THE RANGE, DO NOT GO FORWARD OF THE FIRING LINE TO LOOK FOR IT.**

p. Ammunition Accountability: Provide Range Control a copy of the DA Form 581, Request for Issue and Turn-in of Ammunition when the OIC signs for the range. To clear the range, the OIC will give Range Control an Ammunition Consumption Certificate, an increment burn count and the location of any duds.

q. OIC Responsibilities: In addition to responsibilities outlined elsewhere in this regulation, ensure all mortar equipment is functioning properly. Physically check the OP before firing. Establish and maintain communications with Range Control and the OP. Call an immediate cease-fire if communication with either is lost.

r. RSO Responsibilities:

(1) Check all rounds for the proper number of increments. **THE MAXIMUM CHARGE IS CHARGE 3 FOR 60mm, 4.2 INCH SUB-CAL AND 81mm.**

(2) Ensure a count and recording of increments prior to burning. Ensure proper and safe burning.

(3) Ensure all data is accurate and correctly placed on the gun(s).

(4) Ensure that aiming circles are declinated properly.

(5) Ensure that the safety fan is entered in RED on the firing chart and turned over to Range Control upon clearing.

(6) Ensure that a Fire Direction Center (FDC) is used and staffed with at least two plotters.

(7) Ensure that all guns are bore sighted, all gunners know the left and right boundaries and that the first round is fired center of sector.

s. Actions Before Firing:

(1) Verify the mortar safety card applies to the exercise.

(2) Verify the firing position is the same as shown on the safety card.

(3) Verify the laying of the guns.

(4) Verify computation of the left and right safety limits.

(5) Verify the FDC firing chart and plotting board.

(6) Inform all safety personnel and gunners of the right and left safety limits, the maximum and minimum elevations, charges and minimum fuse settings.

(7) Check overhead clearance and mask. Make safety checks of all guns and ensure sights are properly seated.

(8) Protect ammunition from sunlight and moisture.

(9) VERIFY THAT THE FIRING TABLES AND AMMUNITION MATCH.

t. Survey and Ammunition Data:

u. Survey Date: 18 May 1989, by the Fort Drum Artillery Survey Team.

v. OSCAR Range Survey Point: BT 8327507404.

w. OSCAR Range Altitude: 78 meters (255 feet).

x. Mortar Pit #2: BT 8328707412

- |                                  |                         |
|----------------------------------|-------------------------|
| (1) LEFT LIMIT AZIMUTH:          | 5225 MILS (GRID)        |
| (2) RIGHT LIMIT AZIMUTH:         | 5633 MILS (GRID)        |
| (3) AZIMUTH TO CENTER SECTOR:    | 5429 MILS (GRID)        |
| (4) MOUNTING AZIMUTH:            | 5400 MILS (GRID)        |
| (5) MINIMUM RANGE:               | 700 meters              |
| (6) MAXIMUM RANGE:               | 1304 meters             |
| (7) MAXIMUM ORDINATE:            | 1140 meters             |
| (8) MINIMUM CLOUD BASE ALTITUDE: | 1524 meters (5000 feet) |
| (9) MAXIMUM CHARGE:              | Charge 3                |

y. For Illumination Only:

- |                              |             |
|------------------------------|-------------|
| (1) MAXIMUM RANGE TO BURST   | 1304 meters |
| (2) MAXIMUM RANGE TO IMPACT: | 1609 meters |
| (3) MAXIMUM CHARGE:          | 4           |
| (4) ALL OTHER DATA AS ABOVE. |             |

z. Authorized Ammunition:

- |           |           |                  |
|-----------|-----------|------------------|
| (1) 60mm: | HE M720   | Fuse, MO M734    |
|           | HE M49A4  | Fuse, PD M525    |
|           | WP M302A1 | Fuse, PD M527    |
|           | IL M83A3  | Fuse, Time M65A1 |
| (2) 81mm: | HE M374A2 | Fuse, PD M567    |
|           | HE M374A3 | Fuse, PD M567    |
|           | WP M375A2 | Fuse, PD M567    |

RP M819

Fuse, MTSQ M772

IL M301A3

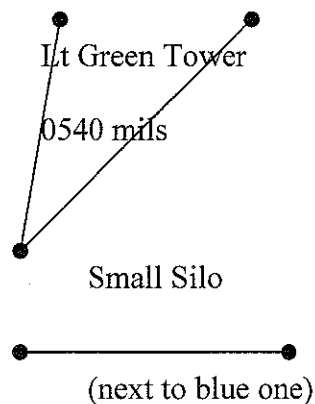
Fuse, Time M84A1

aa. Declination Diagram: The declination station is located in Area 6C, Whittemore Hill. The station is marked with a brass control point lain in concrete flush to the ground, on the east side of the hilltop, approximately 20 meters from the crest of the hill.

Red/White

Checkered Tower

0134 mils



Dec Station

1555 mils

Figure 1

## C-20. PAPA Range

- Location: BT 83380866 off Dixie Road.
- Description: Multi-purpose small arms use. Handguns, shotguns, sub-machine guns.
- Ammunition Authorized: All handguns up to .45 cal, shotgun, 5.56 ball.
- Targets Authorized: Paper in fixed frames.
- Facilities: Target shed, tower, portable latrine, ammo shed.

- f. Range Flagpole: Rear of range next to Dixie Road.
- g. Communications: FM radio 38.85.
- h. Equipment Required: Ten pound B-C fire extinguisher, FMs and TMs for weapons, DA PAM 385-63, range packet from Range Control, radio, PPE as required by DA PAM 385-63 para 6-1.
- i. Restrictions: All targets will be properly frame mounted. Nothing will be thrown in the air to shoot at. Objects lying on the ground will not be shot.
- j. Parking: Across Dixie Road.

#### **C-21. TANGO/FBI Range**

- a. Location: Off Trainfire Road at BT 83410717.
- b. Description: 25-meter rifle range. The left half of this range is allocated to the FBI and will not be used by anyone else without the expressed permission of the FBI and Range Control.
- c. Targets: M16A1/A2 zero and alternate course C.
- d. Ammunition Authorized: 5.56, 7.62 ball, handgun up to .45 cal.
- e. Facilities: Target shed, tower with PA system, ammo shed, portable latrine, bleachers.
- f. Firing Line: 23 fighting positions/prone supported or unsupported positions.
- g. Range Flagpole: Right rear of the range.
- h. Communications: FM radio 38.85.
- i. Equipment Requirements: Ten pound B-C fire extinguisher, FMs and TMs for weapons, scorecards, DA PAM 385-63, range packet from Range Control, safety paddles, PPE as required by DA PAM 385-63 para 6-1.
- j. Restrictions: No automatic or burst fire. FBI TARGETS AND EQUIPMENT ARE OFF LIMITS.
- k. Parking: All vehicles except a communications vehicle, park across Trainfire Road.
- l. Remarks:

(1) Aircraft departing Turner DZ may fly directly overhead. Range Control will call a check-fire when aircraft is 5 minutes from Time-on-Target (TOT). Radio must be constantly monitored.

(2) Night fire is authorized. Unit must provide target illumination. Pyrotechnics will not be used without Range Control permission on a daily basis.

## **C-22. UNIFORM I Range**

- a. Location: Off Trainfire Road at BT 83280703.
- b. Description: 25-meter zero/alternate course C qualification.
- c. Targets: M16A1/A2 zero and alternate course C.
- d. Ammunition Authorized: 5.56, 7.62 ball, handgun up to .45 cal.
- e. Facilities: Target shed, tower with PA system, ammo table, bleachers, portable latrine.
- f. Firing Line: 50 fighting positions/prone supported and unsupported positions.
- g. Range Flagpole: At right rear of the range.
- h. Communications: FM radio 38.85.
- i. Equipment Requirements: Ten pound B-C fire extinguisher, FMs and TMs for weapons, safety paddles, DA PAM 385-63, range packet from Range Control, scorecards, PPE as required by DA PAM 385-63 para 6-1.
- j. Parking: Across Trainfire Road. Communication vehicle may park on the range.
- k. Restrictions: No automatic or burst fire.
- l. Remarks:

(1) Aircraft departing Turner DZ may overfly the range. Range Control will call a check-fire 5 minutes before the aircraft TOT. The radio must be constantly monitored.

(2) Night fire authorized. Unit must provide target illumination. Pyrotechnics will not be used without Range Control permission on a daily basis.

## **C-23. UNIFORM II Range**

- a. Location: Trainfire Road at BT 83170690.
- b. Description: 25-meter zero/alternate course C qualification.
- c. Targets: M16A1/A2 zero and alternate course C.

- d. Ammunition Authorized: 5.56, 7.62 ball, handgun up to .45 cal.
- e. Facilities: Bleachers, ammo table, tower with PA system, target shed, portable latrine.
- f. Firing Line: 50 fighting positions and prone supported/ unsupported positions.
- g. Range Flagpole: At the right rear of the range.
- h. Communications: FM radio 38.85.
- i. Equipment Requirements: Ten pound B-C fire extinguisher, FMs and TMs for weapons, scorecards, safety paddles, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 6-1.
- j. Restrictions: No automatic or burst fire.
- k. Parking: Across Trainfire Road. Communication vehicle may park on the range.
- l. Remarks:

(1) Aircraft departing Turner DZ may overfly the range. Range Control will call a check-fire when aircraft is 5 minutes from TOT. Radio must be constantly monitored.

(2) Night fire authorized. Unit must provide target illumination. Pyrotechnics will not be used without permission from Range Control on a daily basis.

#### **C-24. VICTOR Range**

- a. Location: Trainfire Road at BT 82980671.
- b. Description: M16 record/NBC/night fire range with air powered pop-up targets.
- c. Targets: Silhouettes air powered with muzzle flash indicators for night fire. Electronic scoring, computer operated.
- d. Ammunition Authorized: 5.56, 7.62 ball.
- e. Facilities: Target shed, portable latrine, tower with PA system, bleachers
- f. Firing Line: 16 positions for record fire.
- g. Range Flagpole: At the right rear of the range.
- h. Communications: FM radio 38.85.



i. Equipment required: Ten pound B-C fire extinguisher, FMs and TMs for weapons, safety paddles and/or flashlights with appropriate lenses, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 6-1.

j. Restrictions: No automatic or burst fire.

k. Parking: Across Trainfire Road. Communication vehicle may park on the range.

l. Remarks:

(1) Unauthorized persons will not tamper with machines or attempt repairs.

(2) Night fire requires a red flashing light or red chemical light at right and left limit markers and on the flagpole or tower. The range has emergency lighting. Pyrotechnics will not be used without permission from Range Control on a daily basis.

(3) Aircraft departing Turner DZ may overfly the range. Range Control will call a check-fire when aircraft is 5 minutes from TOT. Radio must be constantly monitored.

#### **C-25. X-RAY I Range**

a. Location: Trainfire Road at BT 82780650.

b. Description: 25-meter zero/alternate course C qualification.

c. Targets: M16A1/A2 zero and alternate course C qualification.

d. Ammunition Authorized: 5.56, 7.62 ball, handgun up to .45 cal.

e. Facilities: Target shed, bleachers, tower with PA system, portable latrine, ammo shed.

f. Firing Line: 50 fighting positions and prone supported or unsupported positions.

g. Range Flagpole: At the right rear of the range.

h. Communications: FM radio 38.85.

i. Equipment Requirements: Ten pound B-C fire extinguisher, FMs and TMs for weapons, scorecards, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 6-1.

j. Restrictions: No automatic or burst fire.

k. Parking: Across Trainfire Road. Communication vehicle may park on the range.

1. Remarks:

(1) Aircraft departing Turner DZ may overfly the range. Range Control will call a check-fire when the aircraft is 5 minutes from TOT. The radio must be constantly monitored.

(2) Night fire is authorized. Units must provide target illumination. Pyrotechnics will not be used without permission from Range Control on a daily basis.

**C-26. X-RAY II Range**

a. Location: Trainfire Road at BT 82670638.

b. Description: 25-meter zero/alternate course C qualification.

c. Targets: M16A1/A2 zero and alternate course C qualification.

d. Ammunition Authorized: 5.56, 7.62 ball handgun up to .45 cal

e. Facilities: Target shed, bleachers, tower with PA system, portable latrine, ammo shed.

f. Firing Line: 50 fighting positions and prone supported or unsupported positions.

g. Range Flagpole: At the right rear of the range.

h. Communications: FM radio 38.85.

i. Equipment Requirements: Ten pound B-C fire extinguisher, TMs and FMs for weapons, scorecards, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 6-1.

j. Restrictions: No automatic or burst fire.

k. Parking: Across Trainfire Road. Communication vehicle may park on the range.

l. Remarks:

(1) Aircraft departing Turner DZ may overfly the range. Range Control will call a check-fire when aircraft is 5 minutes from TOT. Radio must be monitored constantly.

(2) Night fire is authorized. Unit must furnish target illumination. Pyrotechnics will not be used without permission from Range Control on a daily basis.

### **C-27. YANKEE Range**

- a. Location: Trainfire Road at BT 82570628.
- b. Description: 25-meter zero/alternate course C qualification.
- c. Targets: M16A1/A2 zero and alternate course C qualification.
- d. Ammunition Authorized: 5.56, 7.62 ball, handgun up to .45 cal.
- e. Facilities: Target shed, portable latrine, ammo shed, bleachers, tower with PA system.
- f. Firing Line: Twenty-eight fighting positions and prone supported or unsupported positions.
- g. Range Flagpole: At the right rear of the range.
- h. Communications: FM radio 38.85.
- i. Equipment Requirements: Ten pound B-C fire extinguisher, FMs and TMs for weapons, scorecards, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 6-1.
- j. Restrictions: No automatic or burst fire.
- k. Parking: Across Trainfire Road, communication vehicle may park on the range.
- l. Remarks:

(1) Aircraft departing Turner DZ may overfly the range. Range Control will call a checkfire when aircraft are 5 minutes from Time On Target (TOT). Radio must be constantly monitored.

(2) Night fire is authorized. Unit must provide target illumination. Pyrotechnics will not be used without permission from Range Control on a daily basis.

### **C-28. ZULU I Range**

- a. Location: Firebreak Road at BT 81620869.
- b. Description: Demolition range for charges not to exceed 40 lbs.
- c. Targets: Supplied by unit with approval from the DPW, Environmental Division and Range Control.

d. Demolitions Authorized: Claymore mines, C-4, TNT, Tetrynol, Bangalore Torpedo, Cratering and Shaped charges.

e. Facilities: Bleachers, covered demo tables, underground observation bunker.

f. Range Flagpole: At range entrance.

g. Communications: FM radio 38.85.

h. Equipment Requirements: Ten pound B-C fire extinguisher, appropriate FMs and TMs for demolition exercises conducted, helmets, appropriate equipment for filling craters, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 17-1b.(11).

i. Parking: All vehicles will park off the range so as to be protected from flying debris.

j. Remarks:

(1) Minimum safe distances as shown in FM 5-250 tables 6-2 , 6-3, and 6-4 will be observed. The OIC will be a Sergeant First Class or above. The RSO will be a Staff Sergeant or above. Helmets must be worn on explosives ranges.

(2) Range Control will be provided a DA 581 and a copy of the demolition recon report upon check-in.

k. Restrictions:

(1) Demolition firing may be conducted from 0800-Dusk, Monday through Saturday and Sunday from 0900-1700. Firing weight limits or types of explosives may be limited or denied due to adverse weather conditions. Range Technicians will not schedule this range for routine use by Units if snow covers the road inside the gate leading to the range, the range floor, or it is forecasted that snow will cover the ground on the scheduled day of training. Present charge limits are **20** pounds above ground (untamped) and **40** pounds below ground (tamped). A charge is defined as that amount of explosives detonated by one detonator. Charge firings will be no closer than one minute apart. Range Control will be notified prior to each firing. The OIC of the range will maintain a log of each firing to include time, type of explosive and amount of each charge. The log will be turned-in to Range Control upon clearing. The using unit is responsible for clearing and disposing of debris from targets, and repairing craters and any other terrain damage.

(2) Range Gates 5 and 6 on the north and south ends of Firebreak Road and Gate 4 on the east end of Combat Road will be locked.

(3) All shots will be observed only from the underground observation bunker. Excess personnel will move off the range to a safe distance.

(4) THE COVERED OBSERVATION AREA AND/OR TOWER ON TOP OF THE HILL ARE NOT TO BE USED FOR OBSERVING DEMO SHOTS.

(5) Electrical means of firing shots will not be used during electrical storms.

(6) Engineer equipment, if needed to restore the range, will be on-site before firing. All firing and target debris will be removed and properly disposed of by the unit.

(7) No more than one (1) Bangalore section will be fired at one time.

(8) Weather and/or atmospheric conditions (a focus) may cause a reduction of charge sizes or closing of the range. Indications a focus exists are:

(a) A steady 5 mph or more wind and/or gusts of greater velocity.

(b) Clear days when layering of smoke or fog is observed.

(c) Cold, hazy, or foggy mornings.

(d) A day following one with large temperature extremes between day and night.

(e) High barometric pressures and low temperatures.

**C-29. ZULU II Range**

a. Location: Firebreak Road at BT 81640878.

b. Description: Hand grenade range.

c. Ammunition Authorized: High explosive grenades. No gas or riot agents.

d. Facilities: Bleachers, covered observation/holding area, tower.

e. Firing Line: Two throwing points with knee walls.

f. Range Flagpole: At range entrance.

g. Communications: FM radio 38.85.

h. Equipment Required: Ten pound B-C fire extinguisher, helmets, FMs and TMs for grenades, DA PAM 385-63, range packet from Range Control, PPE as required by DA PAM 385-63 para 7-1,b.(1).

i. Parking: All vehicles will park off the range in a protected position.

j. Remarks:

(1) The OIC will be a Sergeant First Class or above. The RSO will be a Staff Sergeant or above.

(2) Range Control will be presented a DA Form 581 upon check in.

(3) A practice course must be run before throwing live grenades.

k. Restrictions:

(1) IN THE EVENT OF A DUD GRENADE, CEASE-FIRE IMMEDIATELY. NO FURTHER GRENADES WILL BE THROWN IN THAT LANE UNTIL THE DUD CAN BE CLEARED BY EOD PERSONNEL. PERSONNEL IN THE THROWING PIT WILL REMAIN UNDER COVER A MINIMUM OF FIVE MINUTES PER FM 3.23-30. NOTIFY RANGE CONTROL IMMEDIATELY. PLOT THE DUD LOCATION AS ACCURATELY AS POSSIBLE ON A SKETCH MAP AND GIVE TO RANGE CONTROL.

(2) A road guard will be posted at the range entrance and the gate entering the demo range will be closed and locked.

(3) Gloves will not be worn when throwing grenades. Helmets, proper eye protection, and body armor will be worn.

(4) Range Technicians will not schedule this range for routine use by Units if snow covers the road inside the gate leading to the range, the range floor, or it is forecasted that snow will cover the ground on the scheduled day of training.

**C-30. Facility 1: Basic Compass Course**

a. Location: Training Areas 8, 9A, 9B.

b. Remarks: Course packet available from Range Control. Requires co-use agreements with other units using the training areas. The course meets the Expert Field Medical Badge requirements.

**C-31. Facility 2: Basic Compass Course**

a. Location: Training Areas 7A, 7B, 7C at BT 79850725.

b. Remarks: Course packet available from Range Control. Requires co-use agreements with other units using the training areas.

**C-32. Facility 3: Vehicle Recovery Course**

a. Location: Training Area 6A, off Shirley/Lancaster Road at BT 81050665.

- b. Remarks: Requires RTS-Maintenance permission before Range Control schedules.
- c. Communication will be maintained with Range Control on FM 38.85.

**C-33. Facility 4: Leadership Reaction Course**

- a. Location: Co-located with Obstacle Course off Trainfire Road at BT 82410616.
- b. Remarks: Scenarios available from Range Control. Equipment is on-site.
- c. Communication will be maintained with Range Control on FM 38.85.

**C-34. Facility 5: Obstacle/Confidence Course** (Approximately 3/4 mile in length with 14 obstacles.)

- a. Location: Trainfire Road at BT 82400612.
- b. Requirements/Restrictions:
  - (1) Radio communication with Range Control at all times on FM 38.85.
  - (2) Safety NCO at each obstacle.
  - (3) Report injuries immediately to Range Control. Request ambulance through Range Control.
  - (4) The intent of this course is to build teamwork and confidence. It should not be used as a test of speed.
  - (5) Pyrotechnics will not be used.
  - (6) Notify Range Control immediately of any needed repairs or unsafe conditions.

**C-35. Facility 6: Rappel Tower (See Appendix J)**

- a. Location: Co-located with Obstacle Course at BT 82170585, off Trainfire Road.
- b. Remarks: Packet available at Range Control.
- c. Communication with Range Control will be maintained on FM 38.85.

**C-36. Facility 7: Nuclear, Biological, Chemical (NBC) Chamber**

- a. Location: Training Area 14A at BT 82931038. Does not include any portion of the training area except the immediate area around the chamber.

- b. Required Equipment: Water containers with fresh water, radio, FM 21-48, TM 3-42-40-279-10/TM 3-42-40-280-10, Devens RFTA Reg 350-2.
- c. Personnel Requirements: The OIC/NCOIC must be a Staff Sergeant or above and have attended an 80-hour NBC course within the past 3 years or be in the MOS 74D/54B.
- d. Operation And Safety:
  - (1) Sign for chamber at Range Control, occupy and establish communications.
  - (2) Screen soldiers for medical conditions that may preclude exposure to agent, i.e. contact lenses, pregnancy, etc.
  - (3) Air chamber 30 minutes before requesting clearance by Range Control.
  - (4) Have extra masks and spare parts.
  - (5) Conduct exercise IAW FM 21-48, appendix C.

**C-37. Facility 8: Medical Litter Obstacle Course**

- a. Location: Attu Road at BT 82790996.
- b. Remarks:
  - (1) Helicopter Landing Zones (LZs) co-located and must be scheduled through Range Control, if used.
  - (2) Two identical courses with 10 obstacles each laid out according to Academy of Health Services, Fort Sam Houston specifications.
  - (3) Radio communication with Range Control is required to operate the course. Request ambulance in the event of injury through Range Control.
  - (4) Report unsafe conditions or needed repairs immediately to Range Control.
  - (5) Each station requires a Safety NCO.
  - (6) The course should be used to build confidence and teamwork; not run as a speed event.



## **APPENDIX E**

### **Field/Tent Heaters Safety Guidelines**

**E-1. Portable Radiant-Type Space/Tent Heaters:** (Potbelly and Yukon) will be operated as follows:

- a. Each operator must be well-trained and licensed IAW AR 600-55.
- b. Stovepipe opening flaps of the tent must be securely tied back so that they do not come in contact with the stovepipe.
- c. The top section of the stovepipe must be higher than the highest point of the tent.
- d. A spark arrestor must be installed if burning solid fuel.
- e. A draft diverter must be installed and secured with guy ropes when burning liquid fuel.
- f. Stovepipes must be straight and tents must be tight so no part of the tent comes in contact with the stovepipe.
- g. The area around the stove must be clear of combustibles for a distance of four feet in all directions.
- h. Fuel lines, connections, cans and carburetors must be checked daily for leaks. Heaters will not be operated if any leaks are present. The entire system must be provided with containment as outlined in chapter 3 of this regulation.
- i. Heaters are never to be operated at full capacity. There will be a proper fire extinguisher for every heater in operation, and any tent with a wooden or canvas floor, will have the heater placed in a sandbox, with at least 3 ½ inches of sand or dirt in it.
- j. Adequate ventilation must be provided where heaters are operating.
- k. Fuel cans will be located outside the tent as far away as the fuel line allows.
- l. Gasoline will never be used in any heater for any reason.

**E-2. Immersion Heaters.** Will be operated by licensed persons and IAW TM 5-4540-202-12&P and TM 10-4500-200-13.

**E-3. Unauthorized kerosene heaters are prohibited.**

**E-4.** All soldiers should be made aware of the symptoms of carbon monoxide poisoning. See GTA 08-05-062

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## **APPENDIX F**

### **Opening/Closing Procedures**

#### **F-1. Opening a Range.**

- a. Certified OIC signs for the range and equipment at range control.
- b. Occupy the range. Make sure you are on the right range.
- c. Establish communications with Range Control. Request a range inspector to issue targets, inspect the range and give a briefing on safety and the operation of the range.
- d. When the range inspector is satisfied with the range setup, he will notify Range Control that the range may go hot when you call for a hot time.
- e. Raise the red flag after you receive a hot time. Maintain constant monitoring of the Range Control frequency, FM 38.85.

#### **F-2. Closing a Range.**

- a. Call Range Control for a cold time. Give the number of rounds fired by type and the number of personnel trained.
- b. After receiving a cold time, take down the red flag.
- c. Remove all targets from the silhouettes and remove silhouettes from the frames.
- d. Police the range to include along the road. On Trainfire Road, this includes across the road, up to the fence. Rake the firing line and fill any ruts caused by vehicles. Replace all fighting position covers and place the sandbags on the covers. Sandbags will be refilled and replaced as necessary. Police around and under bleachers
- e. Call Range Control and request an inspector to clear the range.
- f. The inspector will notify Range Control when the unit has cleared off the range.
- g. Remove all equipment, trash, vehicles and personnel from the range. Return anything drawn from Range Control back to Range Control.

#### **F-3. Occupying a Training Area.**

- a. The OIC signs for the training area and occupies it.
- b. Establish and maintain communications with Range Control. Provide six-digit grid of CP to Range Control.

- c. Inspect the entire training area and notify Range Control of any discrepancies.
- d. Check the area for dead trees or trees with dead branches that may fall and cause injury or damage.

**F-4. Clearing a training area.**

- a. The unit signed for the area is responsible for the entire area, whether used or not.
- b. Police the area. Remove all wire, signs put up by the unit, trash and equipment. Police up spent blank brass, smoke canisters and flares. Recover any unspent trip flares. This includes any ambush sites that may be outside the area, such as along roads.
- c. Remove any barriers, engineer tape, roadblocks and signs put up by unit.
- d. Fill all fighting positions in the area, whether or not your unit placed them there. Do not bury trash or anything else in the holes. Mound them up 12 inches to allow for settling.
- e. Notify Range Control when you are ready for inspection. If the unit departs the area, leave a clearing party. All personnel and equipment must be out of the area before inspection.
- f. The range inspector will notify Range Control that the area is clear.

## **APPENDIX G**

### **Physical Security of Arms, Ammunition, and Explosives**

**G-1.** All commanders of Army Reserve, National Guard and ROTC units will coordinate physical security plans with the local Physical Security Office 72 hours prior to training on South Post.

**G-2.** When securing weapons in "gun racks," commanders will be responsible for providing armed personnel with live ammunition to protect Category I and II arms, ammunition and explosives (AA&E). No waivers or exceptions will be authorized.

**G-3.** In accordance with AR 190-13, paragraph 1-5, commanders are responsible for ensuring reasonable security measures are taken to safeguard property that may be vulnerable to criminal acts or other disruptive activities.

**G-4.** A physical security inspection and audit of AA&E will be conducted when deployed in the field for training to ensure these items are protected.

**G-5.** Commanders responsible for AA&E will establish a training program for those personnel responsible for guarding stored weapons with live ammunition. Army Regulation 190-11, 190-14, and Appendix C, USARC Pamphlet 190-1 apply.

**G-6.** AR 190-11, paragraph 2-10, outlines a training program for responsibility and accountability of AA&E.

**G-7.** All armed guard personnel will be armed with appropriate weapons and ammunition at the discretion of the commander concerned. The provisions of AR 190-14 apply.

**G-8.** Only approved locks will be used to secure weapons in the field gun racks. Key controls are listed in AR 190-11, paragraph 3-8.

**G-9.** Each weapon issued for field training or any other reason will be carried on the person of the individual to whom it is issued at all times or it will be properly safeguarded and secured. Except during emergencies, weapons will not be entrusted to the custody of any other person except those responsible for the security of operational weapons.

**G-10.** Chains used to secure racks will be heavy-duty hardened steel, galvanized and of at least 5/16-inch thickness.

**G-11.** Personnel assigned to guard stored weapons will have available instant radio communications for security checks and in the event of any unforeseen emergencies.

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**APPENDIX H**  
**Range Forms and Maps**

**APPLICATION FOR RADIO FREQUENCY ASSIGNMENT**

FROM COMMANDER \_\_\_\_\_  
REQUESTING UNIT: \_\_\_\_\_  
COMPLETE ADDRESS: \_\_\_\_\_

POINT OF CONTACT: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_










TO DEVENS RFTA  
SUPPORT SERVICES DIVISION  
ATTN: IMNE-DEV-ISS  
DEVENS, MA 01434-5409

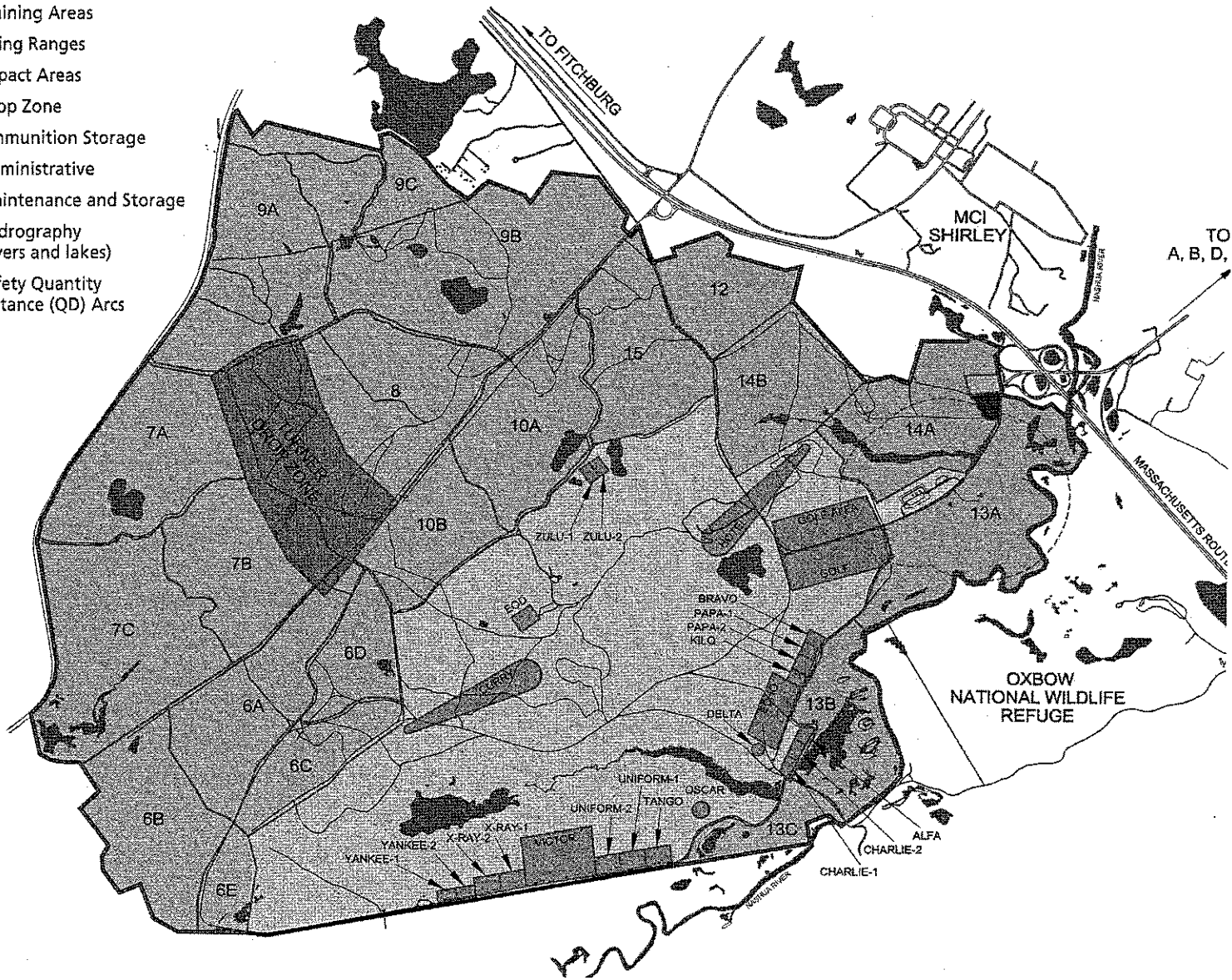
1. TYPE OF FREQUENCY: HF: \_\_\_\_\_ FM: \_\_\_\_\_
2. HOURS OF OPERATION: \_\_\_\_\_
3. DURATION OF REQUIREMENT: \_\_\_\_\_
4. NUMBER OF FREQUENCIES: \_\_\_\_\_
5. MOBILE: \_\_\_\_\_ FIXED: \_\_\_\_\_
6. TRANSMITTER LOCATION: \_\_\_\_\_
7. RECEIVER LOCATION: \_\_\_\_\_
8. ANTENNA NAME: \_\_\_\_\_
9. TRANSMITTER NOMENCLATURE: \_\_\_\_\_
10. COMPLETE THE FOLLOWING FOR HF ONLY:
  - a. EMISSION: \_\_\_\_\_
  - b. POWER: \_\_\_\_\_
  - c. TRANSMITTER ANTENNA AZIMUTH: \_\_\_\_\_
  - d. FREQUENCY RANGE: \_\_\_\_\_

**FREQUENCY MANAGER TELEPHONE: DSN: 256-3098/COM: 978-796-3098/FAX: 2131**

# SOUTH POST MAP

## AND USE LEGEND

-  Training Areas
-  Firing Ranges
-  Impact Areas
-  Drop Zone
-  Ammunition Storage
-  Administrative
-  Maintenance and Storage
-  Hydrography (rivers and lakes)
-  Safety Quantity Distance (QD) Arcs





**TRAINING AREAS ON SOUTH POST - DEVENS RFTA: 2535 ACRES**

<b>TNG AREA</b>	<b>SECTION</b>	<b>ACRES</b>	<b>DESCRIPTION</b>
6	A,B,C,D,E	400	Bivouac, Tactical Tng Area
7	A,B,C, Land Nav	610	Wooded/Land Nav Advanced
8	A	125	Bivouac, Tactical Tng Area
9	B,C, Land Nav	590	9A,B,C, Land Nav
9A	A		9A New Medical Site
10	A,B	255	10A Medical Site
12	A,B	90	Bivouac, Tactical Tng Area
13	A,B,C	145	Bivouac, Tactical Tng Area
14	A,B		Bivouac, Tactical Tng Area
14	A Field	160	Bivouac, Tactical Tng Area
15	A,B	160	Bivouac, Tactical Tng Area
FAC 1	Basic Compass Crs		Meets EFMB Req, Tng Area 9
FAC 2	Basic Land Nav		Located in 7A,B,C
FAC 3	Vehicle Recovery Crs		Off Shirley Road, Tng Area 6A
FAC 4	Leadership Reaction Crs		Co-located with Facility 5
FAC 5	Confidence Crs		1.5 Mile with 14 Obstacles
FAC 6	Rappel Tower		Co-located with Facility 5
FAC 7	NBC Chamber		Gas Chamber in Area 14
FAC 8	Medical Litter Crs		Located Attu Road, Area 14
FAC 11	Observed Fire Trainer		Forward Observer Tng

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	YES	NO
<b>BEFORE TRAINING CHECKS</b>		
<b>Rappel Tower</b>		
a. Surface Area Adjacent to the Tower Where the Rappellers Will Impact		
(1) Are there any holes? If so, have they been filled?		
(2) Are there any large foreign objects present? Have they been removed?		
(3) Is there anything present that could endanger a rappeller?		
b. General Supporting Structure of the Tower		
(1) Is there any structural damage?		
(2) If so, will that damage endanger personnel utilizing the facility?		
c. Stairs/Ladder Leading to the Top of the Tower		
(1) Is the structure sturdy?		
(2) Are any steps missing?		
(3) Are any steps slippery?		
(4) Are handrails present?		
(5) Will the stairs/ladder support the weight of personnel utilizing them?		
(6) Is there anything concerning the stairwell that could possibly endanger the personnel being trained?		
d. Rappelling Surface Wall		
(1) Is the lumber of the wall rotted?		
(2) Are there any nails protruding from the wall?		
(3) Is there anything on the wall that could be harmful to a rappeller?		
(4) Are there any boards missing or gaps between the boards where rappellers could get their feet caught?		

	YES	NO
e. Top Platform of the Tower		
(1) Are there any boards missing?		
(2) Are there any boards rotted to a degree that personnel could possibly fall through?		
(3) Is there anything present that could cause anyone to trip & fall off the tower.		
(4) Are guardrails present where needed?		
(5) Are guardrails sturdy?		
f. Anchor Points		
(1) Are both primary & secondary anchor points present?		
(2) Are both primary & secondary anchor points independent of each other?		
(3) Are they secure enough to hold the rappellers?		
(4) Is padding present adjacent to each anchor point?		
(5) Will padding keep ropes from making contact with any sharp edges?		
g. Rigging and Equipment (snap links, ropes, gloves, etc):		
(1) Is the correct equipment being used?		
(2) Is enough equipment available to replace anything that becomes unserviceable during training?		
(3) Is the tower properly rigged?		

## **APPENDIX I**

### **Rappel/Fast Rope Operations**

**I-1. Rappelling.** Because of the inherited danger of rappelling and fast rope operations, a Risk Assessment will be performed by using unit and signed by commander IAW TC 21-24. This will be provided to Range Control and post Safety Officer for review prior to use of the facility.

### **I-2. Training Site.**

- a. No vehicles are allowed through the gates with the exception of emergency vehicles during the process of evacuation.
- b. Smoking is not allowed in or around the tower at any time.
- c. The sandy area around the base of the tower is a controlled area and only belay personnel and rappellers are allowed in that area.

### **I-3. Rappel Master.**

The proponent for accreditation, evaluation and information for Army Rappel Master courses is the Directorate of Operations and Training, U.S. Army Infantry School, ATTN: ATSH-OTT-F, Fort Benning, Georgia 31905-5593.

a. Duties and Responsibilities: The rappel master is responsible for the safety of rappellers. He ensures that all equipment (installation, unit and personal property) is serviceable. He personally supervises the rappelling operation.

b. Qualifications. Rappel master qualification is awarded only after the successful completion of Training and Doctrine Command (TRADOC) accredited Rappel Master Course to include the following subjects:

- (1) Duties and responsibilities of a rappel master.
- (2) Safety standing operating procedures (SOP), regulations and references.
- (3) Construction of a deployment bag.
- (4) Conduct of an equipment rappel off the rappel tower.
- (5) Conduct of a lock-in.
- (6) Talking a rappeller through completion of a rappel.
- (7) Conduct of ground training.
- (8) Inspecting for proper hookups.

- (9) Inspecting and maintaining equipment.
- (10) Inspecting and maintaining snap links.
- (11) Inspecting and maintaining rappelling gloves.
- (12) Inspecting and maintaining rappel ropes.
- (13) Identifying the rappel capabilities of aircraft used.
- (14) Controlling rappels from UH-1H or UH-60 aircraft.
- (15) Tying knots (square, bowline, half hitch, Prusik), safety lines and rappel seats (Swiss seat, Australian seat).
- (16) Inspecting a rappel seat.
- (17) Aircraft rigging for rappelling operations.
- (18) Aircraft command and control.

c. **Proficiency Maintenance.** To remain current, rappel masters must execute their duties in a tactical or training exercise once every six months. If rappel masters do not execute their duties once every six months, they must take a refresher class taught by a current rappel master. The refresher class includes subjects listed in the rappel master qualifications section at paragraph J-3.b.

**I-4. Rappel Safety Officer.** The Rappel Safety Officer (RSO) is an air assault or ranger qualified sergeant first class (SFC/E-7) or above who serves as the OIC for the conduct of the rappel operations.

a. The RSO is responsible for the overall safety of all rappellers and ensures that all safety precautions are followed.

b. The RSO briefs VIPs, visitors and inspecting authorities on training, safety requirements and the layout of training areas.

**I-5. Rappel Lane NCO.**

a. **Duties and Responsibilities.** Safety is the rappel lane NCOs number one priority. The rappel lane NCO:

- (1) Ensures proper safety procedures are followed.
- (2) Ensures proper hookup once directed to a rope station.

(3) Issues commands and maintains eye contact with the rappeller at all times.

b. **Qualifications.** The rappel lane NCO holds the rank of corporal (CPL/E-4) or above, is air assault or ranger qualified and is selected by the commander. Each tower rappel lane must have a qualified rappel lane NCO.

c. **Training.** The rappel lane NCO must also be trained on the following subjects:

- (1) Responsibilities and safety requirements.
- (2) Inspection and maintenance of equipment.
- (3) Identification of satisfactory anchor points.
- (4) Identification of safe and unsafe hookups.
- (5) Establishment of a rappel joint.
- (6) Inspection of a rappel seat.
- (7) Coaching techniques.
- (8) Rappelling procedures.
- (9) Emergency procedures.
- (10) Belay control procedures.

d. **Participation.** The rappel line NCO must participate in at least seven rappel operations; three as a rappeller, two as an assistant rappel lane NCO, and two performing the duties of a rappel lane NCO under the supervision of a qualified rappel master.

e. **Proficiency Maintenance.** If a rappel lane NCO has not conducted his duties within the last six months, he must complete the training listed in paragraph J-3.c. Under the supervision of a current rappel master.

**I-6. Rappeller.** Rappel qualification requirements apply to the individual rappeller. Participants in tower rappel training must complete the following listed requirements under the supervision of a rappel master. The unit commander ensures that personnel successfully complete these requirements before beginning aircraft rappel training:

- a. Identify all rappelling equipment.
- b. Demonstrate the construction and attachment of the rappel seat and the rappel rope to the seat.

- c. Identify unsafe attachments, equipment, rope connections and seat construction.
- d. Define terms used in rappelling operations.
- e. Identify knots used in rappel operations.
- f. Understand and demonstrate rappel commands.
- g. Demonstrate rappelling positions.
- h. Demonstrate belaying procedures.
- i. Exhibit satisfactory performance from a rappel tower of at least 34 feet in height (two rappels with equipment and weapon, two without equipment and weapon). Two rappels are conducted from the free side of the tower (no wall).
- j. Demonstrate the ability to lock-in.

**I-7. Belayer.** Belay requirements are a subtask of basic rappel requirements. Soldiers must know how to belay before conducting rappelling training. The belayer:

- a. Assumes a position at the base of the lane, about one pace away from the tower area.
- b. Ensures that the rappel ropes are even with the ground during tower rappels.
- c. Loosely holds the rappel rope with both hands so as not to interfere with the rappeller, but still able to stop the rappeller should he fall.
- d. Immediately stops the rappeller by pulling downwards on the rappel ropes if the rappeller shouts, "falling" or loses control of his brake hand during descent.
- e. Does not wear gloves to ensure a firm grip on the rappelling rope.
- f. Watches the rappeller at all times and maintains constant voice or visual contact.
- g. Wears a helmet to prevent injuries from falling debris.

**I-8. Belay Safety.** The belay safety must be air assault or ranger qualified. Ensures belay personnel are performing their duties properly. Rappel training requires one belay safety for each two-rappel station.

**I-9. Safety.** The following personnel and equipment must be present during static tower training:

- a. Two military rappel ropes for each rappel station.
- b. One safety officer.



- c. One rappel master for each rappel site.
- d. One rappel lane NCO per rappel station.
- e. One medic with medical kit and backboard.
- f. One safety or medical evacuation driver with vehicle.
- g. One belayer for each rope station. Rappellers alternate stations.
- h. One belay safety for each two-rappel stations (four ropes).

**I-10. Safety Briefing.** As in all training, a safety briefing precedes rappel operations. The rappel master briefs all personnel on safety, to include the following instructions:

- a. Each rappeller ensures loose clothing and equipment is secured.
- b. Rappel seats are tied by the soldier and inspected by the rappel master before climbing the tower. Rappel seats are removed upon completion of every rappel retied and reinspected by a rappel master or rappel lane NCO before subsequent rappels.
- c. Rappellers climb the tower only when directed by the rappel master or rappel lane NCO.
- d. Rappellers stay in the center of the tower until instructed to move to a rappel point.
- e. No more than three personnel are behind each rappelling point.
- f. If using a troop ladder, only three soldiers are on the ladder at one time. Soldiers do not climb the ladder until told to do so by a rappel master.
- g. All rappel masters, rappel lane NCOs, instructors and anyone else standing near the edge of the top of the tower, must wear a restraining strap or safety rope. The strap or rope must be attached to an anchor point.
- h. No one should lean or sit on the railings or banisters of the tower.
- i. No one is allowed within three feet of the edge of the tower without being secured.
- j. When attaching the rappel rope to the snap link, rappellers will pull the slack towards the anchor point. The rappel master or rappel lane NCO will also physically check each hookup.
- k. All personnel weighing more than 200 pounds will conduct a standard hookup rappel to determine if they require a friction hookup. A friction hookup is created by placing an additional two ropes in the gate of the snap link (for a total of six ropes in the snap link).

- l. Combat equipment is positioned on the rappeller so that it does not interfere with the brake hand. The weapon must be slung diagonally across the back with the muzzle pointing down and on the opposite side of the brake hand.
- m. Heavy duty gloves are required for all rappel training.
- n. Kevlar helmets with chinstraps fastened are worn during tower rappel training.
- o. While on the tower, the rappeller maintains eye contact with the rappel master or rappel lane NCO and receives all commands from them.
- p. The rappeller ensures that he has a belayer on his rope.
- q. The belayer does not wear gloves and keeps both hands on the rope at all times. He also faces the rappeller at all times.
- r. All tower rappelling is performed with a double strand of rope.
- s. No running is allowed on the tower.
- t. No smoking or eating is allowed near the tower.
- u. All participants who are unable to rappel, lack confidence, or refuse to rappel are reported to the rappel master or OIC. These participants are immediately removed from the training area.
- v. The RSO and rappel master must be aware of overconfidence and carelessness of some rappellers. The rappel master ensures all personnel are tower qualified before beginning aircraft rappel training.

**I-11. Tower Safety and Preparation.** The rappel master is in charge of the tower. He conducts a visual and physical inspection of every item of equipment, to include the structural lumber and timber, the ladder, the platform floor and all anchor points.

- a. The static tower will not be used during thunderstorms or excessively high winds. If ice is present or if the platform is slick from rain, rappelling will be delayed until conditions are safe.
- b. All rope stations are rigged with two anchor points. The first anchor point is a middle-of-the-rope knot and the second is an end-of-the-rope anchor knot. The rappel master removes all the slack between the knots to create equal tension on the anchor points. He ensures that no less than 10 feet of rope is on the ground during static rappelling.

**I-12. Rappeller Preparation.** Before conducting a rappel, each rappeller must prepare their individual clothing and equipment:

- a. Secure shirttails, loose clothing, equipment, straps and long hair.

- b. Wear a helmet during rappelling. Properly fasten all straps and ensure their helmet is in serviceable condition.
- c. Wear heavy leather workmen's gloves.
- d. Wear identification tags.

### **FAST ROPE INSERTION**

**I-13. Guidance for Commanders.** Units that have HQDA approval to perform fast rope insertion/extraction system (FRIES) operations are authorized to conduct initial FRIES qualification and FRIES master (FRM) qualification training. Training requirements are established in USASOC Reg 350-6 and applicable SOAR policies.

**I-14. Training Prerequisites.** Before allowing soldiers to participate in FRIES training and operations, the unit commander must make sure the soldiers are physically fit. Minimum screening standards that apply to each training participant include:

- a. Having passed the Army Physical Fitness Test within the past six months.
- b. Having passed a medical examination within the past two years.
- c. Being free of any injury or physical condition that could cause a potential safety hazard during FRIES training.
- d. Demonstration of ability to perform controlled descent from a height of 15 feet while carrying a 40-pound load (not including the basic duty uniform and combat boots).
- e. Demonstration of ability to hold a static position on a FRIES rope for 20 seconds using hands and feet to lock-in while carrying a 40-pound load.

NOTE: The peacetime maximum soldier load will not exceed 50 pounds. This includes helmet, weapon, vest, web gear and rucksack. Rucksack weight will not exceed 35 pounds.

**I-15. Personal Equipment Required.** The minimum personal equipment required for FRIES training and operations includes:

- a. Heavy leather gloves.
- b. A helmet with a chinstrap.
- c. Protective goggles.
- d. A long-sleeve shirt or jacket, long pants and boots.
- e. Hearing protection and identification tags for helicopter operations.

**I-16. Initial FRIES Qualification Training.** Before participating in fast rope operations, personnel are briefed on the FRIES and its purpose, capabilities and limitations. The briefing also covers the duties, responsibilities and safety of FRIES master (FRM), the assistant FRIES master (AFRM) and any ground assistants. Once the FRIES briefing is conducted, the remainder of the initial training is hands-on practice of the proper FRIES operational techniques.

a. Individuals are shown the proper techniques for boarding the aircraft, moving to the door, grasping and descending, locking-in and clearing the rope.

b. After the demonstration, all ropers participate in a practice exercise in which they properly perform the following tasks using a tower and subsequently, an aircraft:

(1) All ropers must demonstrate a minimum of six properly executed FRIES descents (three without equipment and three with equipment).

(2) At least one successful lock-in.

(3) Perform FRIES descent and lock-in from a tower at the 34-foot level.

c. Training should be progressive, starting from a tower at the 34-foot level without equipment and then with equipment.

d. All ropers must complete a successful lock-in at this level. Ropers will not progress above the 34-foot level until after demonstrating the ability to stop descent, lock-in and hold a stationary position for 20 seconds with equipment.

**I-17. FRIES Proficiency Sustainment Training.** Commanders must make sure soldiers participating in FRIES operations receive sustainment training on equipment and procedures within 24 hours before the FRIES operation. Ropers who do not attend FRIES sustainment training will not be allowed to participate in FRIES operations. As a minimum, training will include a review of the following:

a. Arm and hand signals.

b. Individual equipment riggings.

c. Aircraft familiarization.

d. Safety procedures.

e. Any rehearsals the FRM or commander deems necessary.

**I-18. Selection and Qualification of FRIES Masters.** Selection and qualification of FRIES masters (FRMs) is a unit prerogative. Units will maintain records of qualification and proficiency. These records will accompany soldiers to new units when a permanent change of station occurs.

**I-19. FRIES Master Training and Certification.** During FRM training and certification, FRM candidates must participate in three FRIES helicopter operations (twice observing another FRM and once executing FRM duties under observation of a current FRM) and be certified by either the parent unit or an authorized school. FRMs must be proficient in FRIES operations and must demonstrate proficiency in the following:

- a. Inspecting, preparing and rigging all FRIES gear.
- b. Inspecting and preparing aircraft for FRIES operations.
- c. Controlling and coordinating actions of AFRMs, safeties and ropers.
- d. Preparing and conducting both insertion and extraction operations.
- e. Conducting troop and pilot briefings.
- f. Giving arm and hand signals.
- g. Giving time warnings and associated commands.
- h. Deploying and retrieving FRIES ropes.
- i. Rigging and lowering equipment.

**I-20. FRIES Master Refresher Training.** Units will conduct refresher training to maintain acquired skills. FRMs who have not participated in FRIES operations during the past six months will receive refresher training by a current FRM and serve as an AFRM before performing FRM duties. Refresher training for ropers consists of an FRM briefing and participation in FRIES training.

**I-21. Key Personnel Duties and Responsibilities.** The following personnel duties and responsibilities provide baseline requirements for the safe conduct of FRIES operations. Unit standing operating procedures (SOPs) may increase, but will not reduce training safety requirements.

a. **FRIES Training Officer:** Units that conduct FRIES training appoint a training officer-in-charge (OIC) or a noncommissioned officer-in-charge (NCOIC) to manage the training. The OIC is responsible for planning and coordinating various aspects of training to include:

(1) Coordinating all support activities such as procuring FRIES equipment, aircraft, training areas, medical support and communication.

(2) Assigning qualified personnel to perform FRM, AFRM, ground safety and medic duties.

(3) Adhering to procedures for planning, preparing and executing the operation IAW this appendix, the USASOC Reg 350-6 and the participating units' SOPs.

(4) Ensuring the FRMs, AFRMs, pilots-in-charge (PICs), aircrews, safeties and medics are briefed on the operation.

(5) Ensuring a medic, an aid bag, a backboard and a dedicated vehicle and driver are on-site during all training.

b. FRIES Master: Units conducting FRIES operations will designate one overall FRM to organize, coordinate and supervise the activities of the day and AFRMs as needed. AFRMs are additional FRM-qualified soldiers who assist the primary FRM. An AFRM will be designated for each roping point. AFRMs are responsible for all preparation, inspection and command and control of all roping activities on their points. FRMs must also:

(1) Ensure all FRIES roping personnel, including FRMs, AFRMs and safeties are qualified and current and understand the proper roping procedures for FRIES operations.

(2) Perform safety and serviceability checks on all FRIES equipment and rigging.

(3) Ensure the attachment bar or points are serviceable and free of any defects or contamination and that quick-release mechanisms and safety pins are present, serviceable and operate correctly.

(4) Inspect the rope to make sure it has no contamination, damage or defects that could make it unsafe.

(5) Check the rope to make sure it is the correct type and length for the operation (smooth rope for infiltration or looped for exfiltration).

(6) Ensure the rope is properly attached with the safety pin in place and back coiled.

(7) Ensure the extraction harnesses are serviceable and properly worn.

(8) Ensure the rope chemlights are correctly rigged and illuminated, when needed (two at the mount, two at the end and two 15 feet from the end).

c. FRIES Roper: Ropers are responsible for notifying the FRM, AFRM, safety or pilot if they observe any unsafe acts or conditions. Ropers may halt or call for a halt of roping for safety at any time. During FRIES insertion training, the number of ropers on the fast rope at one time is limited to three. During extraction training, the total weight per extraction bar or rope will not exceed a total of 1,500 pounds. When rucksacks are worn by ropers, the rucksacks must not

exceed a weight of 35 pounds (total roper equipment weight will not exceed 50 pounds). Ropers will:

- (1) Keep hands at head level.
- (2) Maintain visual contact with lower ropers during their descent.
- (3) Maintain a minimum of a one-second interval on exit to avoid collisions.
- (4) Keep at least two points of contact on the rope (both hands) at all times.
- (5) Use their feet for additional braking any time needed.
- (6) Execute descents at a safe speed.
- (7) Show the rate of descent halfway down the rope to avoid landing on each other.
- (8) Move quickly away from the rope upon arrival on the surface.
- (9) Know correct wear of extraction (STABO) harness and extraction procedures.

**I-22 Ropes and Harness.** FRIES equipment should be maintained in the same manner as a parachute. The unit rigger section can provide detailed guidance on appropriate inspection, care and maintenance of FRIES equipment.

a. FRIES ropes and harnesses must always be stored in a clean, cool and dry space out of direct sunlight and free of chemicals or chemical vapors. Equipment that becomes wet with fresh water should be hung up to dry (indoors) on hardwood pegs. Equipment that is exposed to salt water or becomes imbedded with dirt or mud should be washed and rinsed in fresh water (within 72 hours) and hung up to dry (indoors) on hardwood pegs (out of direct sunlight).

b. Before conducting a fast rope operation, the FRM:

(1) Inspects the fast rope thoroughly and carefully. Checks the rope length to ensure it is the correct rope for the operation planned.

(2) Checks the woven loop on the mount end for excessive wear or chemical contamination. Checks the rope along its entire length for fraying, cuts or chemical contamination.

\* Do not use a rope that is severely frayed. (Light fraying on the rope from normal use does not weaken the rope.)

\* Do not use a rope when any single strand is cut halfway through or has two or more cuts that penetrate one-third or more through any strand's thickness within one foot of the running length of the FRIES.

(3) Inspects the rope for contamination of acid, alkaline compounds, salt water, fire extinguisher solutions or petroleum-based solvents. Changes in color caused by chemicals are usually blotchy and have an unusual odor. Although used ropes gradually change color, such changes do not indicate a decrease in strength, unless the change is due to contact with strong chemicals. Changes occurring because of use are usually uniform throughout the length of the rope.

(4) Inspects the extraction loops to the same standard as the main rope. Ensures the woven loops are secure.

(5) Inspects the harness to ensure:

- \* Ropers are wearing the harness under all load-carrying equipment.
- \* Ropers have properly fastened all connectors.
- \* Harness material and stitching are not cut, torn or contaminated and all hardware is free of corrosion and is in operable condition.



## **APPENDIX J**

### **Forms and Instructions**

#### **Preparation of Devens RFTA Training Support Request COMPLETION INSTRUCTIONS**

1. a. Unit Information:
  - (1) Date: Enter today's date.
  - (2) Unit: Enter your unit designation (i.e. Co, Bn, Bde, Div, etc).
  - (3) Address: Enter your unit's mailing address.
  - (4) UIC: Enter your unit's unit identification code.
  - (5) Unit POC: Enter the unit point of contact (i.e. unit administrator, training NCO, etc.)
  - (6) Rank: Enter the rank of the unit POC.
  - (7) Phone: Enter the POC's phone number.
  - (8) Duty Position: Enter the POC's duty position (i.e. unit administrator, training NCO, etc.)
  - (9) E-mail: Enter the POC's e-mail address.
  - (10) Alternate Phone: Enter the phone number to another appropriate person in the unit other than the POC.
- b. Training dates: Enter the from and to training dates and times.
- c. Advance Party: Enter the arrival date, time, number of personnel on the advance party and whether billeting is required for the advance party.
2. Training Category: Check one block that most accurately describes your training category.
3. Training events to be conducted: List the training events that the unit will conduct (i.e. MOS training, weapons training, land navigation training, etc.)
4. Estimated attendance for training: List the total number of personnel for training. List the number of personnel by officers, warrant officers, cadets and enlisted.
5. Billeting Required: Select yes or no. List the number of personnel to be billeted by gender and rank.
6. Administrative Buildings/Classrooms Required: Select yes or no
  - a. Administrative Offices: Select yes or no. List number of offices required. List from and to dates offices are required.
  - b. Administrative/Supply Bays: Select yes or no. List number of administrative/supply bays required. List from and to dates administrative/supply bays are required.

- c. Classrooms: Select yes or no. List number of classrooms required. List from and to dates classrooms are required.
  - d. Computers required: Select yes or no. List software required on computers. List number of computers required. List from and to dates computers are required.
  - e. Arms Room Vault: Select yes or no. List number of weapons stored by small arms and crew served weapons. List from and to dates arms room vault is required.
7. Installation Dining Support: There are two options for dining support. Either 1 the unit signs for a dining facility and cook their meals or 2 catered meals. Catered meals are open allotment for USAR enlisted only. There are no cash collection procedures for officers. Other organizations can use the facility to serve but must fund their catered meals. Select either 1 or 2. For 1 list date time group facility will be used. For 2 list date and number of meals required for each meal period.
8. Range firing, training area and range facility: List date(s), time start, time end, facility requested, weapons system, ammunition and pyrotechnics. Select yes or no to indicate whether unit is remaining overnight on South Post. Describe the type of training to be conducted (i.e. FTX, weapons qualification, land navigation training, etc.).
9. Request for Air Operations or Turner Drop Zone: List date(s), time start, time end, number and type of aircraft to be used, altitude minimum and maximum (i.e. 2000' AGL and below), type of operation (i.e. HALO, Static Line, FRIES, Infiltration, etc.), number and type of cargo or bundles to be dropped, number of passes or lifts needed.
10. DPT will notify the requesting unit with-in 48 hours, if their request for support and or services is approved. DPT will execute notification using the information provided in Block 1a (9&10) on the Devens RFTA Form 5.

# **DEVENS RFTA TRAINING SUPPORT REQUEST**

<b>1. a. Unit Information:</b>				Date:	
Unit:		Address:		UIC:	
Unit POC:		Rank:		Phone:	
Duty Position:		E-Mail:		Alt Phone:	
Name of Soldier for 3 Beds or Less		Name of Soldier for 3 Beds or Less		Name of Soldier for 3 Beds or Less	

## **b. Training Dates:**

From: (Date)		Time:		To: (Date)		Time:	
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## **c. Advance Party:**

Arrival Date:		Time:		No. Of Personnel:		Billeting Req.	Yes	No
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## **2. Training Category (Check One):**

1. Mobilization		4. Inactive Duty Training Army		7. Other Military	
2. Annual Training		5. Inactive Duty Training Other		8. Law Enforcement	
3. Active Duty Unit		6. ROTC/JROTC		9. Community Support	

## **3. Training events to be conducted:**

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## **4. Estimated attendance for training. Total: \_\_\_\_\_**

Officers		Warrant Officers		Cadets		Enlisted	
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## **5. Billeting Required:**

Yes	No
-----	----

Keys can be picked up at billeting office 0730-1600, Monday - Sunday, (978) 796-3155/3951

	Field Grade	Co. Grade	W.O.	Cadets	Sr. NCO	Jr. NCO	Enlisted
Male							
Female							

## **6. Administrative Buildings/Classrooms Required:**

Yes	No
-----	----

a. Admin Office(s):	Yes	No	# Required	From	To
b. Admin/Supply Bay(s):	Yes	No	# Required	From	To
c. Classroom(s):	Yes	No	# Required	From	To
d. Computers required: List software required:	Yes	No	# Required	From	To
e. Arms Room Vault:	Yes	No	# of weapons stored small arms: crew served:	From	To

**MANDATORY: Unaccompanied access roster is required 1 week prior to training event for vault access. Fax it to 978-796-3576 or Call Physical Security 978-796-3512/2061.**

**7. Installation Dining Support:** There are two options for dining support. Please choose #1 or #2 below.

- a. The unit signs for a dining facility and cook their meals.  
 b. Catered meals. Catered meals are open allotment for USAR enlisted only. There are no cash collection procedures for officers. Other organizations can use the facility to serve but must fund their catered meals.  
 c. Call (978) 796-3074 for more information.

1. Dining Facility required for unit to prepare meal.

Yes	No	DTG	to DTG
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2. Catered meals required for enlisted USAR soldiers on AT or IDT.

Yes	No
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DATE	BRKFST	LUNCH	DINNER

DATE	BRKFST	LUNCH	DINNER

**8. Range Firing, Training Area and Range Facility 978-796-2723/2155:**

Date (s)	Time start	Time end	Facility requested	Weapon system	Ammunition	Pyrotechnic(s)

Unit will be bivouacking overnight on South Post

Yes	No
-----	----

Description of Training (i.e. FTX, weapons qual, etc):

**9. Request for Air Operations or Turner Drop Zone:**

Date (s)	Time start	Time end	# and Type of aircraft	Altitude min/max	Halo/Static	Cargo Hvy/CDS Tng Bundles	# of passes

Use this form in conjunction with Devens RFTA Regulation 350-2. Complete all blocks legibly and request only dates actually used. Failure to cancel prior to request will result denying facility to another unit. Telephonic cancellations must be followed by written notice. Incomplete requests will not be scheduled. All units must complete in-processing and out-processing clearance certificate either at DPT or Range Control. Each unit using a facility (i.e. range, training area, billets) must submit a request with their own UIC.

**There are no portable toilets in the Training Areas.**  
**Units are responsible for ordering through TSD 978-796-3155/3951.**

### VIP VISIT INFORMATION WORKSHEET

NAME OF VIP VISITOR: \_\_\_\_\_

RANK: \_\_\_\_\_

ARRIVAL DATE AND TIME \_\_\_\_\_

ARRIVAL LOCATION: \_\_\_\_\_

POINT OF CONTACT \_\_\_\_\_

PURPOSE OF VISIT: \_\_\_\_\_

ACCOMPANIED BY: \_\_\_\_\_

BILLETING ARRANGEMENTS ARE: \_\_\_\_\_

ESCORT OFFICER: \_\_\_\_\_

PROTOCOL INVOLVEMENT \_\_\_\_\_

REMARKS: \_\_\_\_\_

AS OF \_\_\_\_\_

### **VIP VISIT INFORMATION WORKSHEET INSTRUCTIONS**

1. Name of VIP Visitor: Complete name of VIP.
2. Rank: Rank and/or title of VIP.
3. Arrival date and time: List the arrival date and time of VIP.
4. Arrival location: List the arrival location of VIP. Use a physical address or grid coordinate (MGRS).
5. Point of contact: List POC for VIP visit. Include name, rank and phone number.
6. Purpose of visit: List the reason for the VIP visit.
7. Accompanied by: List of personnel that will accompany the VIP. Please list name, rank/title and position of personnel that accompany the VIP.
8. Billeting arrangement: List the billeting arrangements for the VIP and accompanying personnel.
9. Escort officer: List the name, rank and phone number of the escort officer.
10. Protocol involvement: List the name and phone number of any protocol officer/office that will be involved in the visit.
11. Remarks: List any pertinent information concerning the VIP visit not covered elsewhere.
12. As of: List the date the information was provided. Please list the date of the most current information.

<b>NOTICE OF DELEGATION OF AUTHORITY – RECEIPT FOR SUPPLIES</b>				DATE 2006-09-18	
<i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>					
<b>AUTHORIZED REPRESENTATIVE(S)</b>					
ORGANIZATION RECEIVING SUPPLIES			LOCATION		
LAST NAME-FIRST NAME-MIDDLE INITIAL	PHONE NUMBER	AUTHORITY		SIGNATURE AND INITIALS	
		REQ	REC		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
<b>AUTHORIZATION BY RESPONSIBLE SUPPLY OFFICER OR ACCOUNTABLE OFFICER</b>					
THE UNDERSIGNED HEREBY <input type="checkbox"/> DELEGATES TO <input type="checkbox"/> WITHDRAWS FROM <input type="checkbox"/> THE PERSON(S) LISTED ABOVE THE AUTHORITY TO:					
REMARKS					
<b>I ASSUME FULL RESPONSIBILITY</b>					
UNIT IDENTIFICATION CODE			DODAAC/ACCOUNT NUMBER		
LAST NAME-FIRST NAME-MIDDLE INITIAL	GRADE	TELEPHONE NUMBER	EXPIRATION DATE	SIGNATURE	

1. Date card is prepared.
2. Although Figure 2-15, DA Pamphlet 710-2-1 indicates only a "C" in the Requested/Received column, it was recommended that "YES" and "NO" be used as a deterrent to cards being adjusted by unauthorized personnel. An individual may not be designated to both request and receipt for subsistence supplies.
3. Enter the expiration date of card. This date is determined by the person making delegation. Do not set a date later than the date that the delegated authority individual expects to remain in the job.
4. Only the commander is authorized to sign the DA Form 1687 for Class I supplies and a copy of his Command Orders/appointment memorandum will be submitted with the DA Form 1687.
5. Submit it in four copies to ATTN: Directorate of Plans and Training, 57 Queenstown Street, Box 9, Devens, MA 01432-4405.

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## AT/IDT SUPPORT MATRIX

### 1. Actions recommended immediately following pre-camp conferences:

- a. Review the Devens RFTA Regulation 350-2 for specific actions required prior to, during, and after Annual Training at Devens Reserve Forces Training Area.
- b. Comply with all instructions and requirements pertaining to the unit and your training goals.
- c. Determine administrative, training, maintenance, and logistical support/assistance required. All requests for assistance should be submitted AS SOON AS THE REQUIREMENT BECOMES KNOWN, but not later than the suspense dates indicated in Appendix J. Suspense dates are arrival dates at Devens RFTA. Early submission permits efficient scheduling of support requirements and significantly increases approval rate.

### d. Route all correspondence regarding AT and IDT through TSD as follows:

TRAINING SUPPORT DIVISION  
ATTN: IMNE-DEV-IST-O  
57 QUEENSTOWN STREET #9  
DEVENS, MA 01434-5409

### 2. Actions to be taken just prior to departure from the home station:

- a. Protocol.
  - (1) Survey appropriate command sections at least three weeks prior to departure home station to determine visiting dates for VIPs (O-6)/General Officers.
  - (2) Notify TSD of VIP/General Officers visit and provide a biographical sketch to arrive at TSD not later than two weeks prior to the arrival of VIP visitor.
- b. All publications, regulations and blank forms (to include ID cards, DD Form 2A, etc.) required to perform AT should be brought to Devens RFTA from home station.
- c. Units should bring padlocks from home station for use in securing wall lockers. Additionally, all tactical vehicles must be secured by lock and chain.
- d. Ensure that unit members are aware of unit telephone numbers and the unit mailing address at Devens RFTA so that next of kin may send mail and contact personnel in case of emergency. Personnel should provide, name, SSN and unit designation to their family.

**NOTE:** The TSD must be able to contact all units training on Devens RFTA around the clock, either by telephone or messenger. Units not utilizing TSD buildings as headquarters/barracks and/or units moving directly to the field upon arrival must report to TSD for in-processing.

e. In order to effect timely coordination, advance party personnel should bring copies of all unit documents and requests for supplies/assistance (to include signature cards and copies of unit training schedules) previously submitted in connection with AT at Devens RFTA.

3. Actions required during AT or IDT (weekend training). Upon arrival, unit advance parties will report to Operations Division, TSD, Building 673, 57 Queenstown Street, telephone number 796-3951/3952 for an advance party briefing and scheduling of courtesy visits (AT units) with the Devens RFTA Commander and the Command Sergeant Major.

**AT/IDT SUPPORT REQUIREMENTS SUSPENSE MATRIX**

REQUIREMENTS TO BE SUBMITTED	120	90	60	45	30	REMARKS
Unit Shortfalls (FORSCOM FM 156-R)				AT		
Req for Tng Support (Devens RFTA Training Support Request)			IDT			AT PreCamp
Ranges, Tng Area, Facilities (Devens RFTA Training Support Request)			IDT			AT PreCamp
Radio Frequency Request		AT/IDT				
Unit Tng Schedule to TSD				IDT		PreCamp
Req for Tng Support (DA Fm 4103)				AT/IDT		
Ammo Report (DA Fm 581)				AT/IDT		Fwd to ASP

Notice of Del of Auth (DA Form 1687)ADVANCE PARTY BRINGS TO ATAppl Auth – Unit OIC (w/DA Form 1687)

Subs Req Form 2970 (to ISA, Food Svc)				AT/IDT		
Reimbursable Items DA 446/LOA (Para 4-2)					AT	
Request MRE's, DA Form 3161					AT/IDT	

Update Number of Personnel to be Trained (TSD) TRAINING.CALL 10 WORKING DAYS PRIOR TOIDT/AT Report (Actual Strength)SUBMIT TO DPT LAST DAY OF TRAINING

MILES Request Devens Fm Ltr 577			AT/IDT			
Confirm Tng Spt (Call TSD)				AT/IDT		
Unit Fund Req at Fort Drum	TSD REVIEWS NT NOON TUESDAY, 1 <sup>ST</sup> WEEK.					
AAR to TSD						within 30 DAYS

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**APPENDIX L**  
**DPT Classrooms**

<b>BUILDING/ROOM</b>		<b>SIZE</b>	<b>TYPE</b>
623		200	Conference Room
637	124	60	Classroom
637	125	48	Computer available classroom
656	100	12	Distributive learning classroom
656	101	12	Distributive learning classroom
656	102	12	Distributive learning classroom
658	260	20	Computer ready classroom
658	360	20	Computer ready classroom
673	260	22	Classroom
675		60	Computer available AV equipped classroom
676		60	Computer available AV equipped classroom
678		12	Computer available classroom
3412	A	20	Classroom
3412	B	30	Classroom
3412	C	25	Classroom
3412	D	44	Classroom
3412	E	30	Classroom
3412	F	30	Classroom
4206		30	Classroom (Range Control)
4322		30	Classroom (Range Control)

A brochure listing all classrooms on Devens RFTA is provided on the following pages.

## Classrooms on the Devens RFTA

The following is a group of available classrooms and meeting places located on Devens, MA. The pictures of classrooms will be published at a later date.

Please contact the Directorate of Plan and Training (DPT), Operations Branch to request these assets. The Operations Branch is located at 57 Queenstown Street, Devens Reserve Forces Training Area and may be reached at (978) 796-3951 or 2113.

### DEVENS CLASSROOM INDEX

BLDG	ROOM	SEATS	REMARKS	POC	PHONE (978)-796- XXXX	A/V EQUIP	AIR	VTT
602	Front Classroom	30	Medium Classroom	Unit POC	2037	TV, VCR,OH	N	N
623	Main	260	Open Hall	TSD OPS	3951	On Request	N	N
623	Rm 9	40	Medium Classroom	TSD OPS	3951	On Request	N	N
637	124	60	Network ready	TSD OPS	3951	TV, VCR,OH	N	N
637	125	48	48 NT Computers	TSD OPS	3951	TV, VCR,OH	Y	N
638	2/78 DIV HQ	30	Large Conference Room	Unit POC	2023	No AV Equip.	Y	N
638	2/78 DIV HQ	25	Large Conference Room	Unit POC	2037	On Request	Y	N
641	11/98 DIV	30	Medium Classroom	Unit POC	2202	On Request	Y	N
642	1 ROTC Conf. Rm	80	Main Conf. Rm.	Unit POC	2481	TV, VCR,OH	Y	N
644	804 MED RM113	50	Large Drill Hall	Unit POC	2204	TV, VCR,OH	Y	N
644	804 MED RM219	40	Small Classroom	Unit POC	2204	TV, VCR,OH	Y	N
644	804 MED RM334	15	Small Classroom	Unit POC	2204	TV, VCR,OH	Y	Y
656	DLC #1	12	12 NT Computers	DTF Manager	3612	TV, VCR,OH	Y	Y
656	DLC #2	12	12 NT Computers	DTF Manager	3612	TV, VCR,OH	Y	Y
656	DLC #3	12	12 NT Computers	DTF Manager	3612	TV, VCR,OH	Y	Y
659	260	20	Small Classroom	TSD OPS	3951	TV, VCR,OH	N	N
659	360	20	Small Classroom	TSD OPS	3951	TV, VCR,OH	N	N
666	115	8	Small Classroom	Transportation	3948	On Request	Y	N
666	325	15	Small Classroom	SSD POC	2393	On Request	Y	N
666	Safety Office	20	SM Computer Classroom	Safety Officer	2441	TV, VCR,OH	Y	N
673	260	22	Small Classroom	TSD OPS	3951	TV, VCR,OH	N	N
675	MAIN	60	ADP (60) Classroom	TSD OPS	3951	TV, VCR,OH	Y	N
676	MAIN	60	ADP (60) Classroom	TSD OPS	3951	TV, VCR,OH	Y	N
678	COMP RM	12	Small Classroom	TSD OPS	3951	TV, VCR,OH	N	N
679	Conference	80	Network Ready	Headquarters	2126	TV, VCR,OH	Y	Y
683	101	200	Open Hall	TSD OPS	3951	TV, VCR,OH	N	N
683	111	40	Medium Classroom	TSD OPS	3951	TV, VCR,OH	N	N
3412	A	20	Small Classroom	TSD OPS	3951	TV, VCR,OH	Y	N
3412	B	30	Medium Classroom	TSD OPS	3951	TV, VCR,OH	Y	N
3412	C	25	Medium Classroom	TSD OPS	3951	TV, VCR,OH	Y	N
3412	D	30	Medium Classroom	TSD OPS	3951	TV, VCR,OH	Y	N
3412	E	30	Medium Classroom	TSD OPS	3951	TV, VCR,OH	Y	N
3412	F	30	Medium Classroom	TSD OPS	3951	TV, VCR,OH	Y	N
3822	ULLS (G)	12	Small Classroom	RTS Maint. POC	2862	TV, VCR,OH	Y	N
3822	RTS-MT 107	16	Small Classroom	RTS Maint. POC	2862	TV, VCR,OH	Y	N
3822	RTS-MT 208	24	Medium Classroom	RTS Maint. POC	2862	TV, VCR,OH	Y	N
3822	RTS Mobile CR A	12	Small Classroom	RTS Maint. POC	2862	TV, VCR,OH	Y	N
4206	Range Control	30	Medium Classroom	Range POC	2155	TV, VCR,OH	Y	N
4322	OFT FAC #11	30	Medium Classroom	Range POC	2155	No Av. Equip.	Y	N

## GLOSSARY

**Impact Area.** The primary danger area for indirect fire weapons that is established for the impact of all rounds. When applied to direct fire weapons, it is the area located between established range limits. The impact area is within the approved surface danger zone.

**Unexploded Ordnance (UXO) Contaminated Area.** Any area where there is known or suspected unexploded munitions, regardless of type or means by which it got there. Any area on Devens Reserve Forces Training Area's south post may be considered suspect. Do not pick up or disturb any unidentified object.

**Cookoff.** A functioning of any or all the explosive components due to high temperatures within the weapon.

**Hangfire.** A delay in the functioning of the firing train of ammunition.

**Misfire.** A complete failure to fire, not necessarily hazardous, but since it cannot readily be distinguished from a delay in functioning or hangfire, must be handled as worst case IAW procedures for the weapons system.

**Officer-in-Charge (OIC).** The individual in charge of troops or the training of troops who conducts firing on or using of range facilities, and has responsibility for the operation of the firing range. Civilians may act as OICs/Range Safety Officers (RSOs) of firing ranges if they are qualified and approved to perform such duties by the installation Range Control Officer (RCO). Such qualifications normally consist of National Rifle Association certification or installation certification.

**Range Safety Officer.** A qualified commissioned or warrant officer, or noncommissioned officer who is the direct representative of the individual in charge of firing. The RSO is responsible to the OIC to ensure adequate safety when firing is being conducted and for the final determination that before firing, settings placed on indirect fire weapons and ammunition represent data within prescribed limits. Civilians may act as RSOs if qualified IAW paragraph 1-6 above.

**Range Control Officer.** A commissioned officer or civilian who supervises and enforces installation range safety and coordinates and schedules range use, maintenance, modification and installation of ranges and training facilities IAW appropriate regulations and policies of the commander.

**Range Personnel.** Personnel designated to assist the RCO in the discharge of their duties.

**Surface Danger Zone (SDZ).** That segment of the range area endangered by any type of weapons firing consisting of the target area and impact area.

**R-4102A/B Airspace.** That area designated by agreement with the FAA within which all firing of any projectile with a trajectory exceeding 45 meters (148 feet) and parachute operations must

take place. R-4102A is from 0-1999 feet above ground level. R-4102B extends from 2000-3995 feet above ground level.